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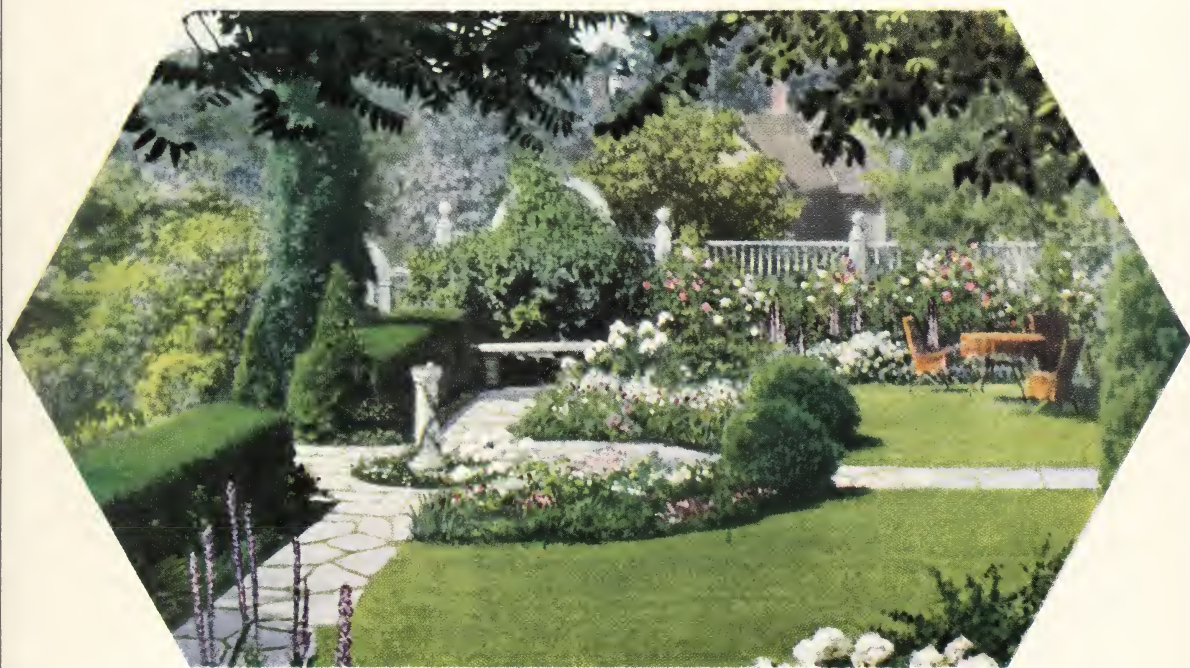
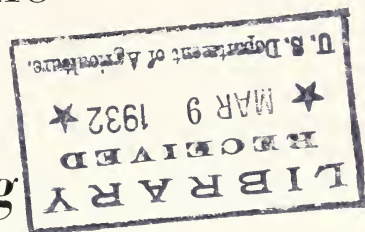
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THE J. M. McCULLOUGH'S SONS CO.

420 MAIN STREET

CINCINNATI • OHIO

Spring Catalog



1838 . . . 1932

SERVICE AS USUAL

PHONE PARKWAY 0300

Vegetable Seed Trials
FEB 29 1932

INSTRUCTIONS TO PURCHASERS

About Warranting Seeds—We have often been asked if we “**guarantee or warrant our Seeds.**” We beg to state plainly we **do not**, for the reason that practical experience has assured us of the fact that crops may fail, no matter how fresh or pure the seed sown may be. We trust that our customers will fully realize that it is to **our interest to send none but the very best quality of seeds.** It would be folly to do otherwise, unless we wanted to sacrifice our good reputation for selling **Reliable Seeds**, which we are constantly striving to extend.

To secure success, however, it is necessary that the customer should do his part well, or our good seeds will be ruined. With the best of management and with good seeds there will be an occasional unaccountable failure. The best of gardeners sometimes fail, and try again with the same seed with good results.

The J. M. McCullough's Sons Co., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and it will not be in any way responsible for the crop.

We shall always be pleased to reward customers who send us the names and post office addresses of their friends who buy Seeds, Bulbs, Plants, Dog Supplies, etc.

**Trade-Marks Registered, McCullough's Seeds, XXXX, Buckeye, Suburban
Central Park, Washington Park, Par 4, Lawn Grass**

P O S T A G E When ordering Beans, Corn or Peas to be forwarded by mail, be sure to add 7c per pound for POSTAGE in first and second zones. For third zone add 8c per pound, for all other zones add extra postage in proportion. See Parcel Post Rates.

Packets and half pounds of Beans, Corn and Peas are sent postpaid at prices quoted, and all other varieties of Vegetable and all Flower Seeds will be forwarded free by mail at Catalog Prices unless otherwise noted. Grass Seeds, Clover Seeds, Miscellaneous Seeds, Plants, Tools and Supplies are **not** sent free by mail—see Parcel Post Rates.

Order Early. It will greatly facilitate shipments if orders are sent early. We aim to send off all orders the day received.

Send the Money with the Order. Postal Note, Post Office Order, Registered Letter, Express Money Order, or Draft on Cincinnati or New York. United States Postage Stamps will be received for small amounts; be exceedingly careful about the least moisture getting on them when remitting, as they sometimes reach us so stuck together as to be almost worthless.

We do not send C. O. D. Everything being plainly priced, the return charges on money is an unnecessary expense.

Should you change your address, we will esteem it a favor if you will notify us, so we can forward our Catalog with regularity; if you receive two Catalogs of the same kind please hand one to some friend who has a garden.

Should an error occur, we desire to be promptly informed, and will take pleasure in making satisfactory corrections.

Write your Name and Address distinctly and in full; please use the Order Sheet and Envelope inserted in this Catalog.

PARCEL POST RATES

All parcels of seeds, bulbs and plants, up to and including 8 oz. at the rate of 1c for each 2 oz. regardless of distance; over 8 oz., at the Zone Rate. All merchandise other than seeds, bulbs and plants up to and including 4 oz. in weight can be sent at the rate of 1c an ounce regardless of distance. Over 4 oz. at the Zone Rate.

NOTE:—When estimating postage on goods not included in our free delivery, bear in mind that while the packing on one pound may only weigh the fraction of a pound, it must be considered as a full pound when adding postage. On larger quantities add postage in proportion.

Limit of weight for delivery within local, first, second and third zones is 70 pounds; to all other zones, 50 pounds.

When larger quantities are wanted we can pack in two or more parcels if necessary, provided money is remitted to cover postage.

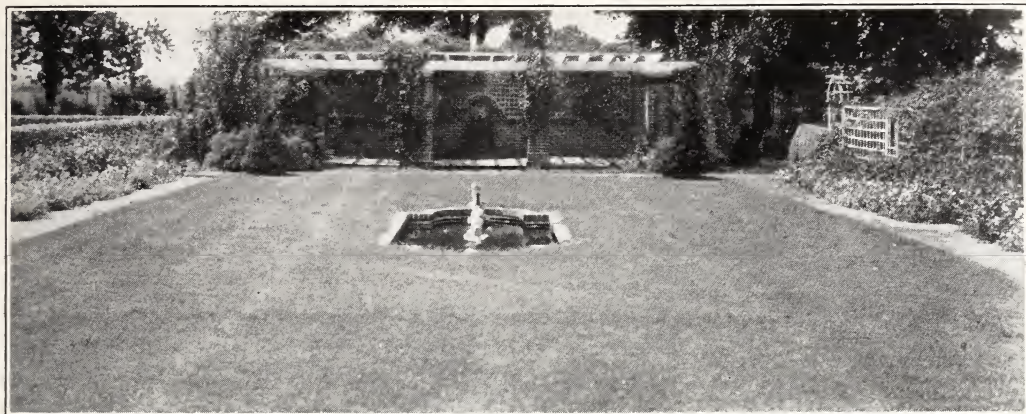
Zone	First Pound	Each Additional Pound
1 and 2—150 miles.....	7c	1c
3—150 to 300 miles.....	8c	2c
4—300 to 600 miles.....	8c	4c
5—600 to 1,000 miles.....	9c	6c
6—1,000 to 1,400 miles.....	10c	8c
7—1,400 to 1,800 miles.....	12c	10c
8—All over 1,800 miles.....	13c	12c

It is advisable to have all merchandise insured. Present rates of Parcel Post insurance are as follows:

Not exceeding \$ 5.00 value.....	5c
Not exceeding 25.00 value.....	8c
Not exceeding 50.00 value.....	10c
Not exceeding 100.00 value.....	25c

If insurance is desired, add to remittance as indicated above.

Poisons cannot be sent by mail. Liquids and goods packed in glass should be sent by Express.



McCullough's Suburban Lawn Seed

(Trade Mark Registered)

ASSURES A SUCCESSFUL LAWN
WILL MAKE A BETTER LAWN THAN SOD

Suburban Lawn Seed is composed of the highest quality Kentucky Bluegrass, Redtop, White Clover, the imported fine fescues and Ryegrass. Kentucky Blue Grass is the dominant turf grass on alkaline soils such as exist in the Central States. Redtop persists for several years under lawn conditions and is used because of its ability to form turf quickly. The imported fescues are adapted to sandy and also shady places and are used for this purpose. Most people want White Clover in their lawns and we use 3 to 4% in Suburban Lawn Seed. Those desiring a greater amount can easily add a little when sowing. Ryegrass is a nurse crop only and will disappear in about a year's time. It serves the purpose of protecting the slower permanent grasses and makes a surprisingly quick growth of vivid green a few days after sowing.

How to Make a Lawn.—A well-kept lawn instantly commands the attention of all lovers of the beautiful in Nature and is an unflinching mark of intelligence and taste. The best soil is a good garden loam of medium texture; the surface should be thoroughly pulverized and smoothed to the desired grade: The surface soil should be from 2 to 5 inches in thickness on a subsoil somewhat porous but of character to retain and return to the top soil by capillarity enough moisture to supply the grass roots during periods between rains. The impervious clay subsoils so common in Ohio should be improved by admixture of some porous material as granulated peat moss and prepared humus.

The high-grade lawn grasses will maintain their own in competition with weeds if supplied with sufficient plant food. Vigoro is an ideal Plant Food to use with Suburban Lawn Seed.

When the soil is firm, level and suitably moist, sow Suburban Lawn Seed at the rate of 6 to 8 pounds to each 1000 square feet. This rate of seeding has been advised by the U. S. Golf Association Green Section. It is unwise to be too economical in the quantity of seed used if the best results are desired. The seed should be sown broadcast and as evenly as possible, then give a thorough rolling or tamp well with the back of a spade. The seed must be well firmed in the soil.

Give the lawn a thorough soaking every week or ten days during dry periods so that the water penetrates and is absorbed by the subsoil.

General Surface Renovating.—When your lawn has been established, you will find it to your advantage to lightly re-seed each season. As early as possible, carefully rake off all dead leaves, etc., and give the lawn a dressing of VIGORO at the rate of at least 40 pounds to 1000 square feet, and rake in, after which sow our Suburban Lawn Seed at the rate of 3 to 4 pounds to 1000 square feet: roll thoroughly or tamp with the back of a spade.

Renovating in Spots or Patches.—In the best-kept lawns unsightly spots devoid of grass will appear, which are caused by impoverished soil, root-destroying insects or fungous disease: and as these spots are not protected by a covering of turf during the winter, the chemical elements in the soil are leached out by the action of the weather, causing them to "cake" or become hard early in the spring. It is useless and a waste of seed to sow these spots unless they are carefully prepared to receive the seed. For this purpose it is our practice to cover them with Vigoro at the rate of four pounds to 100 square feet, then dig these spots up, and after raking until no trace of the fertilizer can be seen, sow our Suburban Lawn Seed at the rate of 2 pounds to each 250 square feet: roll thoroughly or tamp with the back of a spade.

Price, 1 lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.00; 20 lbs., \$5.75.

Postage Must be Added if Wanted by Mail. See Postal Rates, Second Page of Cover.

VIGORO is the Best Plant Food for Lawns and should be evenly applied at the rate of 40 lbs. to 1000 sq. ft. (See Fertilizers)

"Woodland Path" Shady Lawn Seed

McCullough's Woodland Path Shady Lawn Seed is composed of the same grasses as Suburban in different proportion, containing a much greater amount of Chewings Fescue and also in addition Poa Trivialis or Rough Stalked Meadow Grass. This is imported from Europe. It is ideal for Shady Places. Chewings Fescue and Poa Trivialis may be used alone but will take much longer to become established than McCullough's Woodland Path Shady Mixture.

When shade is very dense, particularly under old Maple Trees, the tree is probably using all the available food, moisture and air and it is useless to expect permanent turf in such places.

McCullough's Woodland Path Shady Mixture will form turf unless conditions are very unfavorable. Should the ground be covered with moss, first remove the moss with a sharp rake and apply Vigoro at the rate of not less than 40 pounds to 1000 square feet, then sow our Woodland Path Shady Mixture at the rate of 8 pounds to 1000 square feet.

1 lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.50; 20 lbs., \$6.75.

McCullough's Par 4 Lawn Seed

Is designed for those who desire a mixture without White Clover and Ryegrass. It is composed of the highest quality Bent, Chewings Fescue, Kentucky Bluegrass and Fancy Redtop and takes longer to establish turf than Suburban Lawn Seed. Bent of the Prince Edward Island or Colonial type is becoming very popular in mixtures as it forms a luxuriant thick turf.

1 lb., 60c; 5 lbs., \$2.85; 10 lbs., \$5.50; 20 lbs., \$10.75.

KENTUCKY BLUE GRASS

(Poa Pratensis)

This is rated as the finest permanent lawn grass. Especially suited to rich lands. It is the grass of the famous and fertile limestone soils of Kentucky, and is no less a favorite all through the Northern States. Sow 10 lbs. to 1000 sq. ft. for lawns, and 150 lbs. per acre for fairways. 2 bushels (28 lbs.) to the acre for pasture (14 lbs. per bushel).

1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.80.

Kentucky Blue Grass Seed, Fancy Cleaned.

WHITE OR DUTCH CLOVER

(Trifolium Repens)

This variety thrives on nearly all soils; is a low close-growing clover and on account of its earliness and hardness should be used in mixtures for permanent pastures. Is very hardy, spreads rapidly, acts as a binder, and when mixed with other grasses for lawn purposes is very desirable. Is also excellent for bee food. Sow 6 to 8 lbs. per acre.

Aggressive on lawns and helps to keep out weeds. Sow 2 to 3 lbs. to 1000 sq. ft.

1 lb., 75c.

Quantity of seed to 1000 sq. ft. is amount advised by the U. S. Dept. of Agr.

THE BENT GRASSES

The great popularity of golf has brought the Fine Bent Grasses into prominence through their almost universal use on Putting Greens in the northern half of the country.

We are sole wholesale distributors in the United States of Prince Edward Island Bent and the seed of the other fine bent grasses now raised on Prince Edward Island and vicinity, and are one of the largest handlers of sealed and certified bent seed in the world. We can only discuss the various sorts briefly here.

The bent grasses are native to acid soils but will thrive over a wide range of soils though naturally favoring those toward the acid side. In Ohio, where soils are chiefly alkaline, a fertilizer high in nitrogen, and preferably with an acid reaction, is a great advantage in maintaining good bent turf. Our Special Bent Fertilizer is recommended for this purpose, but recent experiments have shown that Vigoro, though containing less nitrogen than our Special Bent, is capable of maintaining Bent Turf in the very finest condition. Golf Clubs use Sulphate of Ammonia, which has an acid reaction and is high in nitrogen but is not a complete fertilizer and may burn the grass if used carelessly.

These Bent Grasses particularly P. E. I. Bent are not temperamental and will stand a lot of hard usage if given reasonable care and good fertilizer. A new Bent Lawn should have at least 3 inches of fine top soil over a well drained subsoil. Fertilizer should be applied at the rate of 40 lbs. to 1000 sq. ft. at least a week before seeding. Bent Seed should be mixed with fine sand or commercial humus (5 parts of sand to 1 part of seed) for even distribution. If sown too thickly it may damp off. Where spots are thin sow a little more seed, 2 lbs. of P. E. I. Bent or Seaside Bent to 1,000 sq. ft. is sufficient, one pound to 1000 sq. ft. is enough for old lawns or reseeding. For Putting Greens double the amount.

Most turf weeds are discouraged by acid-reacting fertilizers and their continued use not only encourages bent grass but makes the weed problem much simpler.

The Bent Grasses are inexpensive when the amount sown to the square foot is taken into consideration.

Many owners of large estates have recently planted bent lawns by the vegetative method. This is somewhat quicker than seeding, but at least four times as expensive to plant and far more expensive and difficult to maintain.

For Spring Seeding we advise 10% Italian or Domestic Ryegrass as a nurse crop on lawns only. The Ryegrass dies out in a year's time. Fertilize two or three times during the season at the rate of 40 pounds to 1000 sq. ft. and see that the fertilizer is watered into the soil and does not stay on the grass.

NOTE:—The name Colonial Bent has recently been adopted to include all strains of *Agrostis tenuis*, and the name Rhode Island will eventually be dropped.

We are large importers of Bent Seed and one of the largest handlers of Government and State Certified and Sealed Bent Seed in the World.

Prices quoted on Bent Seed are post paid to 10 lbs. in U. S. or Freight Paid on larger quantities.

A reputation of 94 years fair dealing is back of every sale.

Certified Prince Edward Island Bent Seed
(*Agrostis tenuis*)

Average purity 90 to 95 per cent. An extra hardy strain of Colonial Bent grown on Prince Edward Island under very severe winter conditions. Certified and Sealed in 50-pound bags by the Canadian Department of Agriculture. Smaller quantities resaled by us. Grows upright and spreads by underground root stocks.

Prince Edward Island Bent is the ideal bent grass for lawns because it requires less cutting, less water, and less topdressing than the creeping varieties. Used with Our Special Bent Fertilizer or Vigoro it requires little attention except weeding.

1 lb., \$1.75; 5 lbs., \$8.50; 10 lbs., \$16.50; 50 lbs., \$65.00; 100 lbs., \$125.00.

Certified Velvet Bent Seed

(Agrostis canina)

A very limited quantity of pure Velvet Creeping Bent is grown on Prince Edward Island and produces what is probably the finest turf known. Fields are inspected 90% as to variety, but due to the aggressive character of P. E. I. Bent (Agrostis tenuis) the re-cleaned seed is approximately 90% Agrostis species of which 60% to 70% is pure Velvet Bent. Prince Edward Island is the only source of supply other than the small quantities sometimes found in German Mixed Bent. Attempts to grow Velvet Bent in Western Canada have failed the past two seasons. About 10,000 000 seeds to the pound.

Certified and Sealed in 10-pound bags by the Canadian Department of Agriculture. Smaller quantities resealed by us.

Coos County Certified Seaside Bent Seed

(Agrostis palustris—formerly A. maritima)

Average purity 98 to 99 per cent. The very highest quality, grown in Coos County Oregon, and Certified and Sealed in 50-pound bags by the Oregon Department of Agriculture. A true stoloniferous or creeping bent, spreading rapidly by means of stolons or runners. Makes ideal Putting Green turf.

On lawns, Seaside Bent will spread more quickly than upright, non-creeping sorts but requires more water and frequent cutting. Seaside Bent is in great demand by golf clubs as it is much cheaper and more satisfactory than many vegetative strains.

1 lb., \$1.75; 5 lbs., \$8.50; 10 lbs., \$16.50; 50 lbs., \$65.00; 100 lbs., \$125.00.

REMEMBER:—The Bent Grasses require slightly more attention and care than the common grasses on alkaline soils as they are growing under rather artificial conditions. On acid soils they are in their natural environment. Our Special Bent Fertilizer or Vigoro will maintain successful bent turf on alkaline soils.

Prince Edward Island Bent is native to the drier places and Seaside Bent to moist locations. Each thrives best as native conditions are approximated.

Certified Canadian Seaside Bent

(formerly New Brunswick)

(Agrostis stolonifera Var. compacta)

Seed production is very limited. A variety of true creeping bent, spreading by stolons or runners. Finer in texture than Seaside Bent and most commercial vegetative strains.

The demand is expected to be much greater than the supply. Certified and Sealed in 10-pound bags by the Canadian Department of Agriculture. Similar to Seaside Bent in general habit of growth.

1 lb., \$1.75; 5 lbs., \$8.50; 10 lbs., \$16.50.

South German Mixed Bent

A natural mixture, chiefly Colonial Bent, containing sometimes a slight amount of Creeping Bent and a somewhat larger quantity of Velvet Bent. No two lots alike and often contains Redtop. Our South German Mixed Bent is offered in two grades, 75% and 85% pure. Those desiring some Velvet Bent in their lawns and who do not object to a mixed surface of many strains can sow German Bent to advantage. Purity, compared to Certified seed, should be taken into consideration.

1 lb., \$1.25; 5 lbs., \$6.00; 10 lbs., \$11.50; 50 lbs., \$55.00; 100 lbs., \$105.00; Second Grade 10c per lb. less.

Rhode Island Bent or Colonial Bent

New Zealand grown. Also known as Colonial Bent or Browntop (Agrostis tenuis, capillaris or vulgaris.) Botanically the same as Prince Edward Island Bent but grown under mild winter conditions. Not Certified but usually high in purity. Definite characteristics as to hardness and freedom from disease not fully established. We offer seed 98 to 99 per cent in purity and recommend it for all locations where, with through snow coverage or mild climate, extra winter-hardiness is not a factor.

1 lb., \$1.25; 5 lbs., \$6.00; 10 lbs., \$11.50; 50 lbs., \$55.00; 100 lbs., \$105.00.

McCullough's Selected Flower Seeds

You will notice that all of our descriptions of flowers are classified as "annual," "hardy annual," "tender annual," "perennial," "biennial," etc.; these descriptions, when properly understood, will tell much about planting.

ANNUALS attain full growth from seed, bloom and die in one season. Sow **HARDY ANNUALS** outside late in March or during April, or earlier indoors for transplanting outside. Hardy annuals may also be sown in the fall for earlier spring blooming.

HALF HARDY and TENDER ANNUALS should be sown in the house or hot-bed and not be sown or transplanted outside until the weather is settled and warm, or if left out during the winter, should have protection.

BIENNIALS are plants that bloom the second year from seed, and then die. Many of these will bloom the first year if sown early. Sow under same conditions as perennials.

PERENNIALS are plants that bloom the second year from seed and the plant lives and blooms for many years. If sown in early spring, many perennials will bloom the first year from seed. Tender and half-hardy perennials are best sown in spring after frost is over. Hardy perennials may be sown in May or June and again in August or September for next year's flowers.

TENDER OR GREENHOUSE means the plant will not stand the least frost. All such must be planted late in spring, or in a greenhouse.

HARD SHELLED SEED, like Canna, and Japanese Morning Glory, Moon Vine, etc., should be soaked in warm water 36 hours before planting.

HOW TO SOW FLOWER SEED: A common mistake in sowing flower, as well as other seeds, is covering too deeply. The exception to this is the Sweet Pea, which is seldom planted deep enough. As a general rule, cover small seeds only to the depth of the thickness of the seeds; or, with medium-sized seeds, like Balsam, Zinnias, etc., half an inch or so is none to much. Such fine seeds as Petunias, Portulacas, etc., need only be pressed into the soil with a piece of board. Always press the earth after sowing all flower seeds, because there is danger of their drying up before the roots can get firm hold of the soil. Seeds of the hardier annuals may be sown where they are to grow; but, as a rule, it is preferable to transplant, as the plants are generally stronger and stand the drought better. During very dry weather, and when the seedlings are first set out, they should be watered frequently. Provide some support for all such plants as require it.

The seeds should be kept down and the ground loosened often, so that the plants will receive the full benefit of the rains and dews, which they will not if the ground is allowed to become hard and baked.

ACHILLEA (Milfoil, or Yarrow)

Ptarmica "The Pearl." One of the best hardy white perennials. Grows about 2 feet high, and from spring to frost is covered with heads of purest white double flowers. Easily grown from seed, flowering the first season, if sown early.....10c pkt.

ACROCLINIUM

Double Mixed. An "Everlasting," growing about 15 inches high, bearing white or rosy pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. **Half-hardy Annual**..... $\frac{1}{4}$ oz., 20c; 10c pkt.

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

Cirrhusa. A graceful climber, but, as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maidenhair Fern. The flowers are tube-shaped, flesh-colored, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed. **Hardy Biennial**.....10c pkt.

AGERATUM (Floss Flower)

One of the very best bedding plants, being literally a sheet of bloom from early summer till frost. Sow outdoors in May. **Half-hardy Annual.**

Blue Perfection. This is the darkest colored of all large flowering Ageratums. Color, deep amethyst-blue; compact growth; fine bedder. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 50c; 10c pkt.

Blue Star. Of dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging $\frac{1}{8}$ oz., 50c; 10c pkt.

AGROSTEMMA

(Rose of Heaven, Mullen Pink)

Coronaria. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; blooms the first season; fine for cutting, 2 feet..... $\frac{1}{4}$ oz., 25c; 10c pkt.

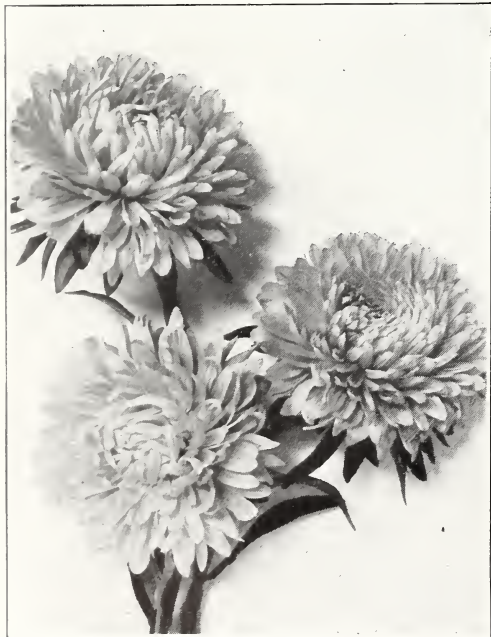
ALLEGHENY VINE. (See Adlumia.)

ALYSSUM (Mad-Wort)

Pretty little plants for beds, vases, baskets, edgings or rockwork. Blooming profusely all summer; useful also for winter-flowering. **Hardy Annual.**

Little Gem, or Carpet of Snow. Of dwarf, compact habit, but 4 inches high..... $\frac{1}{4}$ oz., 25c; oz., 60c; 10c pkt.

Lilac Queen. A very pretty deep lavender-lilac, of dwarf compact habit; 6 inches... $\frac{1}{4}$ oz., 25c; oz., 75c; 10c pkt.



Asters

Sweet Alyssum. (A. Maritimum.) Of trailing habit, flowers white; 9 inches..... $\frac{1}{2}$ oz., 20c; oz., 30c; 10c pkt.

Saxatile Compactum. (Basket of Gold.) Showy, bright yellow flowers, excellent for rockwork and edge or border.

Hardy Perennial. 1 foot.....10c pkt.

ANCHUSA

Capensis. (Cape Forget-me-not.) A fine free-growing annual variety about 18 inches high with sprays of lovely Forget-me-not blue flowers; blooms all summer. $\frac{1}{4}$ oz., 25c; 10c pkt.

Italica Dropmore Variety. One of the best hardy perennials and grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. $\frac{1}{4}$ oz., 50c; 10c pkt.

ANTHEMIS (Hardy Marguerite)

Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting, 2 feet.....10c pkt.

ARABIS (Rock Cross)

Alpina. Early Spring flowering plant, especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms in May. 6 inches. **Hardy Perennial**..... $\frac{1}{4}$ oz., 25c; 10c pkt.

ARCTOTIS (African Daisy)

Grandis. Forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface; the reverse of petals pale lilac-blue; blooms early in July and continues until hard frost. **Half-hardy Annual**..... $\frac{1}{4}$ oz., 30c; 10c pkt.

AUBRIETIA (Rainbow Rock Cross)

Large-flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer; 6 inches.....15c pkt.

ANTIRRHINUM

Antirrhinums or Snapdragons are one of the best cut flowers which can readily be grown from seed. They succeed best in a rather light soil, in a sunny position. The Snapdragon, like most perennials and biennials which bloom the first year, is treated like an annual and sown every year. **Half-hardy Perennial.**

TALL, GIANT FLOWERING

Apple Blossom. Rosy pink, with white tube.....10c pkt.

Copper King. Velvety copper scarlet.....10c pkt.

Diamond. Carmine scarlet, lilac tube.....10c pkt.

Old Gold. Deep golden yellow.....10c pkt.

Snowflake. Pure white with yellow tube.....10c pkt.

The Rose. Rose pink.....10c pkt.

Tall, Giant Mixed. A splendid mixture, containing all the colors, magnificent, large individual flowers.

All these varieties $\frac{1}{4}$ oz., 40c; 10c pkt.

SEMI-DWARF GIANT FLOWERING

Are particularly good for bedding, as they require no staking. The flowers are most wonderful, in many new shades and tints.

Defiance. Orange scarlet.....10c pkt.

Empress. Rich velvety crimson.....10c pkt.

Gloria. Rich deep rose pink.....10c pkt.

Golden Queen. Pure yellow.....10c pkt.

Jennie Schneider. Salmon pink.....10c pkt.

Philadelphia Pink. Silver pink.....10c pkt.

Purity. Pure white.....10c pkt.

Silver Pink. Pearly pink, self colored.....10c pkt.

Half-Dwarf Mixed. Large variety of colors; best for bedding..... $\frac{1}{4}$ oz., 25c; 10c pkt.

AQUILEGIA

Charming hardy plants, bearing in countless numbers through May and June exquisite clear blue, white, rose, yellow, purple and striped blossoms. For planting in permanent borders or edges of shrubbery this old-fashioned favorite is one of the best. They thrive well with ordinary garden culture, but do best in partially shaded nooks. Will bloom first season if sown very early. **Hardy Biennial.**

Coerulea. Sepals deep blue, petals white; extra fine, 2 feet. 15c pkt.

Coerulea "Rose Queen." A beautiful variety, producing in great profusion long-spurred flowers, shading from light pink to dark rose with white center and yellow anthers. 15c pkt.

Long Spurred

Blue Shades—Orange and Scarlet Shades......25c pkt.

Mrs. Scott Elliott Hybrids. A wonderful large flowering, free blooming long spurred strain.....15c pkt.

Double, all colors, mixed.....10c pkt.

Single, all colors, mixed.....10c pkt.

ASTERS

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good heavy loamy soil, enriched with a liberal quantity of thoroughly rotted manure, and the addition of wood ashes or air-slaked lime. **Half-hardy Annual.**

California Giant

A splendid midseason to late flowering strain, plants grow 3 to 3½ feet high with long strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers five inches and over across.

Crimson	15c pkt.
Lavender	15c pkt.
Deep Purple	15c pkt.
Rose	15c pkt.
Shell Pink	15c pkt.
Pure White	15c pkt.
Collection. One pkt. each of the above 6 varieties.....	75c
Finest Mixed. All colors.....	¼ oz., 75c; 15c pkt.

Royal (The Early Branching Aster)

The flowers are large and firm, stems long and stiff and the colors are decided and pleasing. The plants grow about 24 inches high and come into bloom about 10 days before the California Giants.

Lavender	10c pkt.
Pink	10c pkt.
White	10c pkt.
Purple	10c pkt.
Rose	10c pkt.
Collection. One pkt. each of the above 5 varieties.....	40c
Finest Mixed. Many colors.....	¼ oz., 40c; 10c pkt.

Queen of the Market

A first-class early flowering Aster coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; one foot.

Rose	10c pkt.
Crimson	10c pkt.
Light Blue	10c pkt.
Dark Blue	10c pkt.
Pink	10c pkt.
White	10c pkt.
Collection. One pkt. each of the above 6 varieties.....	50c
Finest Mixed. All colors.....	¼ oz., 35c; 10c pkt.

California Sunshine

After several years of hybridizing and special selection we now offer a strain which fills the special requirements for florists. They retain their dainty appearance, and borne on long stout stems. This is a distinct improvement on the original Sunshine.

Finest Mixed	25c pkt.
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McCullough's Premier Mixed

This is the finest mixture of Asters in existence, and the most critical lovers of this flower will be astonished at the wide range of colors and varieties in this strain.

¼ oz., 40c; 10c pkt.

BALLOON VINE (Love-in-a-Puff) (Cardiospermum)

A rapid-growing annual climber; succeeds best in a light soil and warm situation; flowers white; seed vessels look like miniature balloons. **Half-hardy Annual.**

Bachelor's Button, Blue-Bottle or Ragged Sailor. (See Cyanus.)	¼ oz., 20c; 10c pkt.
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Black-Eyed Susan. (See Thunbergia.)

BALSAM (Lady Slipper, or Touch-me-Not)

One of the oldest and best-known summer-blooming annuals, of easy culture. Set about 15 inches apart, and give them plenty of manure water. **Tender Annual;** two feet.

Salmon Pink. Brilliant salmon-rose flowers; very double, of finest camelia flowered type.....	10c pkt.
White Perfection. The finest pure white grown; flowers unusually large, solid and double.....	10c pkt.
Scarlet. Brilliant fiery scarlet.....	10c pkt.
Double Camelia Flowered Mixed. Of perfect form, beautiful colors.....	¼ oz., 20c; 10c pkt.
McCullough's Premier Mixed. Unrivalled for variety of color and size of flower; includes all the most desirable shades.....	¼ oz., 30c; 10c pkt.

BALSAM, Apple or Pear

Very curious climbing vine, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior. Ten feet. **Tender Annual.**

Balsam Pear. (Momordica Charantia.) Pear-shaped fruit; the fruit is long and used medicinally. ¼ oz., 25c; 10c pkt.
Balsam Apple. (Momordica Balsamina.) Round, apple-shaped fruit..... ¼ oz., 25c; 10c pkt.

BELLIS (English Daisy)

A favorite perennial plant, which will stand the winter if given the protection of a few leaves or litter; in bloom from early spring until well on in the summer. Usually sown in August, but can be sown in spring, and for best results should be sown each year; 4 inches. **Half-hardy Perennial.**

Longfellow. Large, double, dark pink flowers, with long, stiff stems.....	10c pkt.
Snowball. A beautiful white variety with long stems and very double flowers; fine for cutting.....	10c pkt.
Giant Double. Beautifully and densely imbricated flowers, 1½ inches in diameter. Finest Mixed.....	10c pkt.

CALENDULA (Pot Marigold)

Showy free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, continuing in bloom from early summer until killed by frost; valuable also for pot culture; one foot. **Hardy Annual.**

Ball's Strain. A fine double variety of large size. Same color as Orange King and resembles it closely in all other respects. Excellent for the garden.....	¼ oz., 50c; 10c pkt.
Lemon Queen. A grand variety, with double, extra large yellow flowers.....	1 oz., 25c; 10c pkt.
Orange King. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich, dark orange.....	1 oz., 25c; 10c pkt.
Radio. The latest introduction in Calendulas entirely distinct with beautifully quilled petals forming a perfectly double flower; color rich orange.....	¼ oz., 50c; 15c pkt.
Sensation or Campfire. A distinct new type of vigorous growth, the flowers borne on strong stems. Color: Brilliant orange with a scarlet sheen, with full yellow center. The blooms are flat and very large. The best orange forcing Calendula.....	¼ oz., \$1.00; 15c pkt.
Fine Double Mixed. Contains the choicest sorts.	½ oz., 15c; 1 oz., 25c; 10c pkt.

CALLIOPSIS

Showy and beautiful free-flowering annuals of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 8 to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn. **Hardy Annual.**

Golden Wave. Bright, golden yellow flowers, with small, dark centers. Blooming profusely.....	¼ oz., 15c; 10c pkt.
Finest Mixed.....	¼ oz., 15c; 10c pkt.

COREOPSIS

Lanceolata Grandiflora. Large, showy, bright yellow flowers; produced in the greatest abundance from June till frost. Easily grown from seed, flowering the first year if sown early. **Hardy Perennial.**..... ¼ oz., 25c; 10c pkt.
Lanceolata Grandiflora fl. pl. (Double-flowering Coreopsis.) This new double and semi-double form is just as easy to grow as the single-flowering and the extra petalage adds a further charm to the flower..... ¼ oz., 50c; 15c pkt.

CAMPANULA (Canterbury Bells)

This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest culture. The seeds should be sown about April, in finely prepared, rich soil. **Hardy Biennial.**

Calycantha. (Cup-and-Saucer Canterbury Bells.) They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup-and-saucer. Pink. Delicate rosy-pink. Blue. A fine, clear shade. White. Pure white. All the above colors.....	¼ oz., 60c; 10c pkt.
Fine Mixed.....	¼ oz., 50c; 10c pkt.
Medium. (Single Canterbury Bells.) The old-fashioned sort with beautiful large bell-shaped blossoms.	
Single Mixed. All colors.....	¼ oz., 25c; 10c pkt.
Double Mixed. All the double-flowering medium varieties.	¼ oz., 40c; 10c pkt.
Perennial Mixed.....	¼ oz., 50c; 10c pkt.
Carpatia Blue (Harebell). Hardy perennial blooming the entire summer, color clear blue. Fine for edging and rock gardens.....	¼ oz., 50c; 10c pkt.

CANARY-BIRD VINE

(Tropaeolum Canariense)

A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings expanded. **Half-hardy Annual.**

¼ oz., 20c; 10c pkt.



Antirrhinum

CANDYTUFT

Universally known and cultivated and considered indispensable for cutting; one foot. **Hardy Annual.**

Giant Hyacinth-Flowered. The finest of all the white varieties being a complete mass of pure white flowers in a pyramid of bloom. $\frac{1}{2}$ oz., 30c; 1 oz., 50c; 10c pkt.
Lavender. Delicate shade of rosy lavender. 10c pkt.
Rose Cardinal. Bright carmine-rose. 10c pkt.
White Rocket. Pure white. 1 oz., 25c; 10c pkt.
Dwarf Hybrids Mixed. $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.
Mixed Colors. $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.
Perennial Candytuft. (See Iberis.)

CANNA (Indian Shot)

Mixed. Crozy's finest sorts. . . $\frac{1}{4}$ oz., 15c; 1 oz., 40c; 10c pkt.

**CARDINAL CLIMBER
(Ipomoea Quamoclit Hybrida)**

The most brilliant, beautiful and distinct annual climber introduced for many years. Rapid grower with branching habit; flowers all summer; cardinal red clusters. 15 to 25 feet. **Tender Annual.** 10c pkt.
Cardinal Climber Plants. Each. 30c

CELOSIA, or Cockscomb

Graceful plants, growing best in rather light soil, not too rich, producing beautiful comb-shaped flowers; grown in pots, they are fine for the green-house or conservatory. **Half-hardy Annual.**

Glasgow Prize. Enormous rich, deep crimson combs. 10c pkt.
Dwarf Mixed. Large solid heads of bloom. 10c pkt.

Celosia Plumosa (Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

Thompsoni Magnifica Crimson. Of pyramidal growth, attaining a height of 3 feet and producing graceful, feathery plumes of the most brilliant crimson. 10c pkt.
Thompsoni Magnifica Yellow. 10c pkt.
Plumosa, Mixed. 10c pkt.
Childsi. (See Chinese Woolflower.)

CENTAUREAS

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are perfectly hardy, will grow almost anywhere, and are in demand as cut flowers.

Cornflowers (Centaurea Cyanus)

These are also known as Bachelor's Button, Blue Bottle, Ragged Sailor and Bluet. Attractive flowers of easiest culture. Sow early in spring in the beds where they are to bloom. **Hardy Annual.**

Dwarf Blue. Single blue. . . . $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.
Single Mixed. Blue, white, rose, etc.

$\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.
Double Blue. Flowers semi-double. 10c pkt.
Double Pink. 10c pkt.
Double Mixed. $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.

Royal Sweet Sultans (Centaurea Imperialis)

The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best to sow very early in the spring. **Hardy Annual.**

Rose 10c pkt.
Lavender 10c pkt.
Yellow 10c pkt.
Purple 10c pkt.
White 10c pkt.
Collection. One packet each of the above 5 varieties 40c.
Finest Mixed Colors. $\frac{1}{4}$ oz., 20c; 10c pkt.

White-Leaved Centaurea (Dusty Millers)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for borders. Sow the seed early indoors and transplant in May. **Tender Perennial.**

Gymnocarpa. Fine-cut silvery foliage; the kind used most for borders; 1 foot. $\frac{1}{4}$ oz., 20c; 10c pkt.

CHINESE WOOLFLOWER (Celosia Childsi)

Start seed if convenient under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed beds they will begin to set bloom, which is not desirable. Transplant to the garden as soon as danger of frost is past. **Half-hardy Annual.**
 2 pkts., 25c; 15c pkt.

CHRYSANTHEMUMS**Hardy Annual Varieties**

The hardy annuals are summer-flowering border plants and quite distinct from the hardy perennial varieties.

Annual Double Mixed. Yellow, white, etc. 10c pkt.
Annual Single Mixed. (Painted Daisies.) 10c pkt.
Double Early-flowering. (Perennial.) A race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce a fair percentage of double-flowering plants in a large range of colors. 15c pkt.

SHASTA DAISY**(Chrysanthemum Leucanthemum)**

Alaska. A splendid **Hardy** perennial variety, with flowers rarely less than 4 inches across, of the purest glistening white, with broad, over-lapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. . . . $\frac{1}{4}$ oz., 35c; 10c pkt.

CLARKIA

A desirable free-growing plant, blooming in almost any soil, but when planted in rich loam its beauty is unsurpassed; will continue in bloom nearly all summer. Sow in April and May and thin out. **Hardy Annual.**

Elegans. Double Mixed. $\frac{1}{4}$ oz., 25c; 10c pkt.



Cosmos

COBAEA SCANDENS (Cathedral Bells)

Purple Lilac. A magnificent summer climber, of rapid growth, bearing large, bell-shaped, purple flowers. In sowing, place the seeds edgewise and cover lightly. **Tender Perennial**.....10c pkt.

COLEUS

Large-Leaved Varieties. Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow indoors in March or April and transplant to open ground in May. **Tender Perennial**.....2 pkts., 25c; 15c pkt.

COSMOS

Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. **Half-hardy Annual.**

Double Crested Cosmos

One of the best novelties of recent years. These varieties produce full, round, double flowers on sturdy, bushy plants, blooming in late summer and autumn.

Double Crimson.....10c pkt.
Double Pink.....10c pkt.
Snowball pure white.....10c pkt.
Finest Mixed.....10c pkt.

Extra Early Mammoth Flowering

Seeds sown in the open ground produced plants that were covered with bloom two months before the late-flowering kinds.

Crimson, Rich..... $\frac{1}{4}$ oz., 25c; 10c pkt.
Pink, A pretty shade..... $\frac{1}{4}$ oz., 25c; 10c pkt.
Pure White..... $\frac{1}{4}$ oz., 25c; 10c pkt.
Mixed, Early Cosmos..... $\frac{1}{4}$ oz., 20c; 10c pkt.

Mammoth Perfection

A magnificent selection, bearing flowers of mammoth size and perfect form.

Mammoth Crimson..... $\frac{1}{4}$ oz., 20c; 10c pkt.
Pink "Lady Lenox." Bears gigantic flowers on very long stems, in color a beautiful deep rosy pink. The plant is of strong, vigorous growth, 6 to 7 feet high.

White "Lady Lenox." Flowers measure four to five inches in diameter, which is about three times larger than the ordinary Cosmos. Habit of plant strong and vigorous, bushes growing to a height of seven feet.

Mammoth Perfection, Mixed..... $\frac{1}{4}$ oz., 25c; 10c pkt.
..... $\frac{1}{4}$ oz., 20c; 10c pkt.

CYNOGLOSSUM (Chinese Forget-Me-Not)

Amable, Blue. An annual recently introduced from China; of the easiest culture, forming strong plants 18 to 24 inches high and producing sprays of blue Forget-Me-Not-like flowers, delicately sweet scented.

$\frac{1}{4}$ oz., 40c; 15c pkt.

CYPRESS VINE (Ipomoea Quamoclit)

Delicate, fern-like foliage, and masses of beautiful, small star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet. **Half-hardy Annual.**

Scarlet.....Oz., 40c; 10c pkt.
White.....Oz., 40c; 10c pkt.
Mixed, White and Scarlet.....Oz., 40c; 10c pkt.
Quamoclit Hybrida. (See Cardinal Climber.)
Convolvulus. (See Morning Glory.)
Columbine. (See Aquilegia.)

DELPHINIUM (Hardy Perennial Larkspur)

One of the most exquisite blue-tinted flowers we have. Very effective planted in beds, masses or borders. Plant $1\frac{1}{2}$ to 2 feet apart each way. Perennial varieties should be sown in the fall or early in the Spring, transplanting to the open ground. **Hardy Perennial.**

Belladonna Improved. (Everblooming Hardy Larkspur.) Free blooming Hardy Larkspur, never being out of flower from the end of June until frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower..... $\frac{1}{8}$ oz., 65c; 15c pkt.

Bellamosum. This variety is identical in habit and growth with the Belladonna, but with rich, deep blue flowers.

$\frac{1}{8}$ oz., 65c; 15c pkt.

Blue Butterfly Improved, Chinensis. Rich ultra-marine blue, fine for Rock Gardens, 1 foot..... $\frac{1}{4}$ oz. 50c; 15c pkt.

Mixed Chinese Varieties..... $\frac{1}{8}$ oz., 60c; 10c pkt.

Gold Medal Hybrids

These magnificent hybrids, produce beautiful spikes of immense flowers, single and double. Flower stocks are from two to three feet in length. Colors ranging from pale lavender to indigo blue.....15c pkt.

Wrexham or Hollyhock Strain. Large spikes of single and double blooms in all the shades of blue, often referred to as the Hollyhock strain because of their stately spikes.

Deep Blue shades.....50c pkt.

Mid-blue shades.....50c pkt.

Light Blue Shades.....50c pkt.

Mixed.....40c pkt.

Annual Delphiniums. (See Larkspur.)

DIANTHUS, or Pinks

All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will in a short time become a mass of bloom, and so remain all summer. Elegant as cut flowers for bouquets, as the stems are good. Grow about one foot high, and are of easiest culture. **Half-hardy Annual.**

Double Annual Pinks

Chinensis fl. pl. (China Pinks.) Large double, fragrant flowers. Mixed colors.....10c pkt.

Sweet Wivelsfield. New annual—distinct in method of flowering and habit from the annual Sweet William, long season of bloom, good for borders and rock gardens. 25c pkt.

Hardy Garden Pinks

This splendid class of Pinks should be in all gardens. They have the delightful clove fragrance. **Half-hardy Perennial.**

Plumaris Semperflorens fl. pl. (Spice Pinks.) One foot high. The flowers, which are beautifully fringed, are much larger and more double than the old varieties, while the colors are far richer. They emit a delightful, sweet-scented, spicy odor. Perfectly hardy, requiring only the ordinary culture of Pinks..... $\frac{1}{4}$ oz., 25c; 10c pkt.

Dianthus Barbatus. (See Sweet William.)

DIGITALIS (Foxglove)

Handsome and highly ornamental hardy plants of stately growth. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet. **Hardy Biennial.**

Gloxineaflores, Alba..... $\frac{1}{8}$ oz., 25c; 10c pkt.

Gloxineaflores, Purple..... $\frac{1}{8}$ oz., 25c; 10c pkt.

Gloxineaflores, Rose..... $\frac{1}{8}$ oz., 25c; 10c pkt.

Gloxineaflores, Finest Mixed..... $\frac{1}{8}$ oz., 20c; 10c pkt.

**Digitalis (Foxglove)**

DIMORPHOTHECA (African Golden Daisy)

Desirable for cut flowers. Early sown seed will produce plant to bloom all summer. 12 to 31 in.

Aurantiaca. Flowers glossy, rich orange gold with dark center, surrounded by black zone.....10c pkt.
Aurantiaca Hybrids. Similar in habit to the parent. The flowers range in color from purest white through yellow and orange to rich salmon, being zoned with same color around the center.....15c pkt.

ESCHSCHOLTZIA

(California Poppy, Gold Cups)

A showy, free-flowering plant of low-spreading growth, with finely divided foliage, blooming throughout the season. Seed should be sown thinly in shallow drills early in spring. **Hardy Annual.**

Carmine King. A beautiful carmine-rose color, as intense on the inside as on the outside of the petals.

Oz., 50c; 10c pkt.

Golden West. The flowers measure from 3 to 6 inches in diameter; they have large, overlapping petals, often daintily waved at the edges. Color, light canary-yellow, with an orange blotch at the base of the petals.

Oz., 30c; 10c pkt.

Hybrida Grandiflora. Containing a large percentage of new shades and includes soft pink, scarlet, chrome-copper red, claret and royal purple.....Oz., 50c; 10c pkt.

Mixed. Single cup-shaped flowers in shades of bright yellow, deep orange, pink and silvery white.

Oz., 30c; 10c pkt.

Bush Eschscholtzia. (See Hunnemannia.)

EUPHORBIA

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; but the foliage is exceedingly ornamental. **Hardy Annual.**

Variegata. (Snow on the Mountain.) Attractive foliage, veined and margined with white; 2 feet.....10c pkt.

Heterophylla. Annual Poinsettia, Mexican Fire Plant, Painted Leaf. The plant grows 2 to 3 feet high of branching, bush-like form, with smooth, glossy green leaves, which about mid-summer become a beautiful orange-scarlet, presenting a striking and brilliant appearance.

10c pkt.

Feverfew. (See Pyrethrum and Matricaria.)

GOURDS (Ornamental)

Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. Do not plant the seed till all danger of frost is over and select rich, mellow ground. **Tender Annual** climbers, 10 to 20 feet.

Mixed Varieties......Oz., 25c; 10c pkt.

Everlasting, Eternal or Straw Flowers. (See *Acroclinium*, *Gomphrena* and *Helichrysum*.)

Flax, Scarlet. (See *Linum*.)

Forget-Me-Not. (See *Myosotis*.)

Four-o'clocks. (See *Marvel* of Peru.)

Foxglove. (See *Digitalis*.)

GOMPHRENA (Globe Amaranth)

A desirable everlasting, valuable for its handsome globular heads of flowers. **Half-hardy Annual.**

Mixed10c pkt.

GAILLARDIA (Blanket Flower)

Hardy Perennial Variety

Thrives in almost any position or soil and requires little or no protection. If sown early, begins flowering in July, continuing a mass of bloom until frost, fine for cutting. **Hardy Perennial.**

Grandiflora. A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage.....10c pkt.

Portola Hybrids. The immense flowers are a brilliant rich coppery scarlet each petal being tipped with golden yellow; the plants are of an upright habit and the flowers are held erect on long stiff stems; excellent for cutting.

15c pkt.

GERBERA (Transvaal Daisy)

A South American daisy of unusual form, long stemmed flowers 2 to 3 inches across, with slender graceful curved waxy petals, above a rosette of gray green leaves. Colors range from a pale amber through salmon and rose to a rich red. A fine cut flower, easy to grow and blooms the first season. Must be given a winter protection of glass.

Jamesoni Hybrids, mixed......25c pkt.

GRASSES (Ornamental)

When carefully dried they are useful in making up winter bouquets. Cut when in full bloom and before the flowers get too old; tie in small bunches and hang up in a dry, dark place, with the heads downward.

Bromus Brizaeformis. A graceful variety with drooping panicles, flowering the first season. **Hardy Perennial;** 1 foot.....10c pkt.

Coix Lachrymae. (Job's Tears.) Broad, corn-like leaves, and hard, shining, pearly seeds resembling tears. **Hardy Annual;** 2 feet.....Oz., 15c; 10c pkt.

GYPSOPHILA (Baby's Breath)

Pretty free-flowering plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

Elegans Grandiflora Alba. This is an improved large-flowering pure white form of the annual Baby's Breath. **Half-hardy Annual.**.....Oz., 30c; 10c pkt.
Elegans Carminea. Bright carmine-rose. Oz., 40c; 10c pkt.
Paniculata. White flowers, fine for bouquets; blooms first year if sown early. **Hardy Perennial;** 2 feet.

1/2 oz., 35c; oz., 60c; 10c pkt.

Paniculata Flore Plena. A great improvement on the single flowered type and more lasting; the flowers forming miniature balls of white petals. Not quite fixed but about 25 per cent comes true.....15c pkt.

Repens. A pretty dwarf trailing species for the rockery. It has pinkish white flowers, and is a continuous bloomer. **Hardy Perennial.**.....1/8 oz., 60c; 15c pkt.

HELICHRYSUM (Straw Flower)

Monstrosum. Everlasting flowers, large and full. Colors, white, yellow and red. Cut before the flowers fully expand. **Hardy Annual.**

Mixed1/4 oz., 25c; 10c pkt.

HELIOTROPE (Cherry Pie)

A **Half-hardy Perennial**, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber.

Choicest Mixed; from new varieties.....10c pkt.

HESPERIS MATRONALIS (Sweet Rocket)

Bears spikes of showy white, lilac and purple fragrant flowers. Fine for naturalizing or for planting in a permanent border. **Hardy Perennial.** 2 to 3 feet.

Mixed Colors......1/4 oz., 25c; 10c pkt.

HIBISCUS (Marshmallow)

Showy ornamental perennial plants, for mixed beds or shrubby borders; blooms first year if sown early.

Mallow Marvels. Immense flowers 8 to 10 inches in diameter, in the following colors: fiery crimson, blood red, shell pink and white. Their great beauty surpasses all other perennials in profusion of bloom and brilliancy of color. They come up year after year and are absolutely hardy. **Hardy Perennial.**.....1/4 oz., 35c; 10c pkt.

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without an equal. Seed sown any time before mid-summer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants. These we offer with other hardy plants under their proper heads. **Hardy Perennial.**

Chater's Double Rose......10c pkt.
Chater's Double Scarlet......10c pkt.
Chater's Double White......10c pkt.
Chater's Double Yellow......10c pkt.
Chater's Prize, Double Mixed. This strain stands unrivalled in richness and delicacy of coloring, with magnificent spikes of very double flowers.....10c pkt.

Mammoth Fringed Allegheny. Mammoth flowers or loosely arranged fringed petals. The colors vary from the palest shrimp pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high.....10c pkt.

Single. Many prefer the single flowering. They are usually of freer growth and present a handsome appearance when covered with their artistic blossoms. Finest mixed; all colors.....10c pkt.

HONESTY (Moonwort, Satin Flower)

Greatly admired for its silvery seed pouches, which are used for house ornaments; two feet. **Hardy Biennial.** 10c pkt.

HUNNEMANNIA (Giant Yellow Tulip)

Poppy, or Bush Eschscholtzia)

Fumariaefolia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. **Half-hardy Annual.**.....10c pkt.

IBERIS (Hardy Candytuft)

Sempervirens. A profuse white-blooming plant, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot. **Hardy Perennial.**.....10c pkt.

KOCHIA (Summer Cypress, Belvedere, or Burning Bush)

Forms regular pyramids about 3 feet high, having a cypress-like appearance. The leaves are light green until September, when they change to carmine and blood red. Sow indoors in April and plant out in May, or sow in open ground about May 1st. **Hardy Annual.**

Kochia Childsii......10c pkt.

KUDZU VINE

Pueraria Thunbergiana. It will grow 8 to 10 feet the first year from seed, and after becoming established will produce vines 50 feet high in a season, sometimes growing 12 inches in a single day. Produces a tuberous root which is perfectly hardy. Unequaled for porches, arbors, trellises, etc. **Hardy Perennial.**.....10c pkt.

LANTANA

Verbena-like heads of orange, white, rose and other colored flowers; constantly in bloom; 2 to 3 feet. **Half-hardy Perennial.** Mixed colors.....10c pkt.

LAVENDER (Lavandula Vera)

Well-known, sweet-scented; should be extensively grown in the mixed border; 2 feet. **Hardy Perennial.**.....10c pkt.

LATHYRUS (Everlasting, or Hardy Sweet Pea)

Showy, free-flowering climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting. **Hardy Perennial.**

Latifolius—White Pearl. The finest white variety..10c pkt.

Latifolius—Pink Beauty. Rosy pink.....10c pkt.

Latifolius—Mixed. All colors.. $\frac{1}{4}$ oz., 15c; oz., 40c; 10c pkt.

LARKSPUR, Annual

This is one of the best known of garden flowers. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. **Hardy Annual.**

Giant Imperial

An improvement on the old stock flowered type being of upright base branching habit, valuable for cutting.

Exquisite Pink Improved. Soft pink shaded salmon..15c pkt.

Exquisite Rose. Rose pink.....15c pkt.

Miss California (New.) Deep pink shaded salmon..25c pkt.

Blue Spire. Intense deep Oxford blue.....25c pkt.

White Spire. A dazzling pure white.....25c pkt.

Imperial Mixed......10c pkt.

LINUM (Flax)

Grandiflorum Rubrum. (Scarlet Flax.) One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant, scarlet-crimson flowers. **Hardy Annual;** 1 foot..Oz., 25c; 10c pkt.

Perenne. Bright blue flowers. Hardy perennial. 18 inches..10c pkt.

Love in the Mist. (See *Nigella*.)

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. **Half-hardy Annual.**

Crystal Palace Compacta. Rich blue; finest for bedding..10c pkt.

Speciosa. Dark blue; trailing; fine for vases.....10c pkt.

LUPINUS (Lupine)

Annual Mixed. Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; 2 feet. **Hardy Annual.**..Oz., 25c; 10c pkt.

Polyphyllus Roseus. A fine variety of the perennial Lupine, with showy spikes of rose-colored flowers. **Hardy Perennial.**.....Oz., 50c; 10c pkt.

Perennial Mixed. **Hardy Perennial** varieties, in pink, blue and white mixed.....Oz., 30c; 10c pkt.

MARIGOLD (See also *Calendula*)

The African and French Marigolds are free-flowering annuals of easy culture. They succeed best in a light soil, with full exposure to the sun. **Half-hardy Annual.**

African Varieties

Orange Prince. Densely double flowers of a rich, deep golden orange color..... $\frac{1}{4}$ oz., 25c; 10c pkt.

Lemon Queen. Soft, lemon-yellow flowers, and forming a fine contrast to the preceding..... $\frac{1}{4}$ oz., 25c; 10c pkt.

Finest Mixed African...... $\frac{1}{4}$ oz. 20c; 10c pkt.

French Varieties

Legion of Honor. Single Dwarf Marigold, forming compact bushes. Flowers golden yellow and brown; blossoms in great profusion..... $\frac{1}{4}$ oz., 25c; 10c pkt.

French Gold Striped. Very double; 1 foot.
 $\frac{1}{4}$ oz., 25c; 10c pkt.

MARVEL OF PERU, or Four O'Clock (Mirabilis Jalapa)

A well-known free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. **Half-hardy Perennial.** Finest mixed...Oz., 25c; 10c pkt.

MIGNONETTE (Reseda)

A well-known favorite. No garden is complete without a bed of Mignonette. **Half-hardy Annual.**

Defiance. One of the finest sorts; excellent for forcing.
 $\frac{1}{4}$ oz., 30c; 10c pkt.

Machet. Dwarf pyramidal growth, with very large, thick spikes, fragrant..... $\frac{1}{4}$ oz., 25c; 10c pkt.

Sweet-Scented. The old variety, but very sweetly scented.
 $\frac{1}{2}$ oz., 15c; 10c pkt.

MOON FLOWER (Ipomoea Noctiflora)

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees.

Cross Bred or Hybrid Moon Flower. At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers, 5 to 6 inches in diameter. It is a rapid grower, and within a few months will grow as much as 40 feet. To insure germination, take a sharp knife and cut a small nick in shell of each seed, and soak in warm water for about 4 hours before planting. **Tender Perennial.**

$\frac{1}{4}$ oz., 20c; 1 oz., 50c; 10c pkt.
Moon Flower Plants. Each, 30c; per doz., \$3.00; by mail, each 35c.

MORNING GLORIES (Convolvulus)

The Morning Glory is too well-known to need a description. Succeeds under almost all circumstances. **Hardy Annual.**

Morning Glories. (Convolvulus Major.) Climbing varieties, mixed.....1 oz., 15c; 10c pkt.

Imperial Japanese or Emperor Morning Glories. The flowers are of gigantic size and their colors range from snow-white to black-purple, with all the possible intermediate shades..... $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 10c pkt.

MYOSOTIS (Forget-Me-Not)

The Forget-Me-Not succeeds best in shady, moist situations. **Half-hardy Perennial.**

Alpestris Victoria. Early flowering, of bushy habit, bearing large, bright, azure-blue flowers.....10c pkt.

Palustris Semperforens. A dwarf Forget-Me-Not continuing in bloom from early spring until autumn; blue flowers.....10c pkt.

NASTURTIUMS

The varieties offered below were selected from a very large number of sorts as being the best and most distinct. **Half-hardy Annual.**

Dwarf, or Bedding Varieties

They are suitable for hanging baskets, vases, window boxes, bedding and edging; grow quickly, thrive in the poorest soil and furnish the greatest abundance of long lasting, sweet-scented cut flowers.

NASTURTIIUMS—Cont.

McCullough's Dwarf Premier Mixed. Will give a large variety of colors in even proportions than any other Nasturtium mixture. Lb., \$1.50; $\frac{1}{4}$ lb., 50c; oz., 20c; 10c pkt.

Dwarf Nasturtium Mixed. We handle such large quantities of Dwarf Nasturtiums that we are able to offer this especially choice mixture at a very low price. See also our "Premier" mixture listed above.

Lb., \$1.00; $\frac{1}{4}$ lb., 35c; oz., 15c; 10c pkt.

Tall Varieties

These are excellent for growing in beds and borders where there is plenty of room for trailing or for light trellises and for hanging baskets, vases and window boxes. Height, usually 4 to 5 feet.

McCullough's Tall Premier Mixed. Contains all the kinds together with many other shades and tints of yellow, rose, scarlet, orange, carmine, violet, purple, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped.

Lb., \$1.50; $\frac{1}{4}$ lb., 50c; oz., 20c; 10c pkt.

Mixed Tall Nasturtiums. For the low price, this mixture is very choice but will not give as fine flowers as our "Premier," as listed in previous column.

Lb., \$1.00; $\frac{1}{4}$ lb., 35c; oz., 15c; 10c pkt.

NASTURTIIUM

Golden Gleam. (New.) Double sweet scented. The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The flowers commence to bloom as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The flowers are borne on erect, stiff stems six inches in length.25c pkt.

NICOTIANA (Sweet Scented Tobacco Plant)

One of the easiest annuals to raise and one of the most effective. The blossoms in shape are not unlike a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume. **Hardy Annual.**

Affinis Hybrids. Large, pure white flowers of delicious fragrance. If taken up in the fall, cut back and potted, they will bloom all winter.10c pkt.

Sanderae Hybrids. A showy and profuse flowering, half-hardy annual, giving a continuous display of brilliant flowers through summer and autumn. The plant is of branching, bushy habit, 2 to 3 feet high, and carries the flowers in clusters. The flowers measure from $1\frac{1}{2}$ to 2 inches across and remain open all day. Many colors mixed.10c pkt.

NIGELLA

(Love-in-a-Mist, or Devil-in-the-Bush)

Miss Jekyll. A clear cornflower-blue, prettily set in slender elegant foliage. One of our most attractive annuals. The plants are extremely hardy, and an autumn sowing produces the best specimen for flowering in the following summer. Height, 18 inches. **Hardy Annual.**10c pkt.

Finest Mixed. Height, 18 inches. **Hardy Annual.**10c pkt.

PANSY

Plants from the spring-sown seed flower with great freedom throughout spring, summer and fall, while the stocky young plants grown in fall and winter produce the largest and finest flowers early the following spring. Take care of the weakest looking seedlings, as they usually give the finest flowers. **Half-hardy Perennial.**

Giant Flowered Pansies

Blue Perfection. The best dark blue flowers of immense size. $\frac{1}{8}$ oz., 50c; 15c pkt.

Bridesmaid. White shining rose, beautifully blotched. $\frac{1}{8}$ oz., 50c; 15c pkt.

Bugnots' Superb Blotched. A French strain of extra large size, choicest colors with beautiful broad blotches and delicate pencillings. Finest mixed. $\frac{1}{8}$ oz., 75c; 20c pkt.

Canary Bird. Giant five-spotted yellow. $\frac{1}{8}$ oz., 60c; 15c pkt.

Cassier's Giant. A very showy strain saved from large and beautifully blotched flowers. $\frac{1}{8}$ oz., 60c; 15c pkt.

Golden Queen. Golden yellow, very fine. $\frac{1}{8}$ oz., 60c; 15c pkt.

King of Blacks. Lustrous jet black flowers of immense size. $\frac{1}{8}$ oz., 50c; 15c pkt.

Madame Perrett. Colors dark wine, pink and red, with edges of petals frilled and bordered white. $\frac{1}{8}$ oz., 50c; 15c pkt.

Masterpiece. The petals of the flowers are waved or curled and contain the richest colors. Each petal is distinctly marked with a large dark blotch and most of the flowers are margined with a light, white or yellow edge. $\frac{1}{8}$ oz., 75c; 15c pkt.

Orchid Flowered. Beautiful light shades, large frilled flowers. $\frac{1}{8}$ oz., 50c; 15c pkt.

Snowflake. The finest and largest pure white flowers. $\frac{1}{8}$ oz., 50c; 15c pkt.

Triumph. A beautiful showy class, very large frilled flowers, in a great variety of rich colors; extra fine.25c pkt.

McCullough's Premier Mixed. In this magnificent mixture of mammoth-flowering Pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings; perfect form, and giant size, frequently measuring 3 inches in diameter. The colorings are rich and varied. $\frac{1}{8}$ oz., 75c; 20c pkt.

Fine Mixed. Great diversity of colors, free flowering blossoms are slightly smaller than the Giant sorts. $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz., 45c; 10c pkt.

Violas, or Tufted Pansies

(Also known as Pansy Violets, Johnny-Jump-Ups, etc.)

The plants are more hardy than Pansies, and of vigorous growth, forming deep-rooting, compact, tufted clumps. Planted in masses or lines they form perfect mats covered with myriads of flowers from spring until cold weather.

McCullough's Special Mixture. $\frac{1}{8}$ oz., 50c; 10c pkt.

PETUNIA

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. Easily cultivated, only requiring a good soil and sunny position. **Hardy Annual.**

Double Large-Flowering

It is well-known that seed saved from the most carefully hybridized flowers produces but a small percentage of double flowers, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

McCullough's Double Fringed. One of the finest strains in existence. The double flowers are very large, full and beautifully formed, with the edges of the petals elegantly fringed.35c pkt.

Large Double Mixed. Choice strains of fine colors and large flowers.25c pkt.

Single Large-Flowering

McCullough's Mammoth Single. This mixture includes, besides the Ruffled and California Giants, all the colors of the large-flowering and fringed sorts.

3 pkts., 50c; 20c pkt.

Ruffled Giants. Very large flowered; ruffled, fluted and fringed, striped and mottled, blotched and solid self-colors.2 pkts., 25c; 15c pkt.

Single Bedding Petunias

Alba. Pure white. $\frac{1}{8}$ oz., 25c; 10c pkt.

Carmen Sylva. Baby blue with white throat. $\frac{1}{8}$ oz., 40c; 10c pkt.

Howard's Star Improved. A beautiful free-flowering strain, crimson-maroon with a clearly defined five-pointed star of bush white. $\frac{1}{8}$ oz., 40c; 10c pkt.

Rosy Morn. Carmine-pink with white throat.10c pkt.

Rose of Heaven. Dwarf; rose pink.10c pkt.

Striped and Blotched. Fine for massing. $\frac{1}{8}$ oz., 25c; 10c pkt.

Fine Mixed. All colors. $\frac{1}{4}$ oz., 25c; 10c pkt.

Balcony Petunias

A splendid free-flowering type, for bedding, window boxes, vases, hanging baskets, etc.

Balcony Blue. Rich velvety violet. $\frac{1}{8}$ oz., 50c; 15c pkt.

Balcony Purpurea. Dark red. $\frac{1}{8}$ oz., 50c; 15c pkt.

Balcony Rose. Brilliant rose-pink, very effective. $\frac{1}{8}$ oz., 50c; 15c pkt.

Balcony White. Pure white flowers, large and borne abundantly until frost. $\frac{1}{8}$ oz., 50c; 15c pkt.

Balcony. Finest Mixed. $\frac{1}{8}$ oz., 50c; 15c pkt.

MCCULLOUGH'S ANNUAL PHLOX

Few flowers are so easy to grow from seed, so pretty and compact in habit, so quick to bloom, or give such a brilliant display of color for so little cost and care. The first sowing should be made as soon as the frost is out of the ground in spring, later ones in May, either where the plants are to bloom or in a seed-bed, as the Phlox transplants readily.

Phlox Drummondi Grandiflora

Alba, pure white..... $\frac{1}{4}$ oz., 50c; 10c pkt.
 Deep Rose..... $\frac{1}{4}$ oz., 50c; 10c pkt.
 Scarlet..... $\frac{1}{4}$ oz., 50c; 10c pkt.
Finest Mixed. Is a special mixture of Phlox; has very large, perfectly round flowers, and will produce immense trusses of flowers which will surpass every other variety in richness of color and duration of bloom. It grows very compact. To prolong blooming, the seed pods should be removed as soon as they form.
 $\frac{1}{8}$ oz., 25c; $\frac{1}{4}$ oz. 40c; 10c pkt.

Phlox, Large-Flowering Dwarf

A type combining the size of the individual flower and head of the Grandifloras, but of dwarf, compact growth.

Fireball. Fiery scarlet..... $\frac{1}{8}$ oz., 50c; 15c pkt.
 Snowball. Pure white..... $\frac{1}{8}$ oz., 50c; 15c pkt.
Finest Mixed Colors (Dwarf Varieties).
 $\frac{1}{8}$ oz., 30c; 10c pkt.

Hardy Perennial Phlox (P. Decussata)

Hardy Herbaceous Perennial and quite distinct from the varieties of Phlox Drummondi, which are annuals. For best results, should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn.

Mixed. All varieties.....10c pkt.



Stocks

PHYSALIS (Chinese Lantern Plant)

Francheti. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits, which can be cut and dried for winter bouquets; highly interesting.....10c pkt.

**ICELAND POPPIES
(Papaver Nudicaule)**

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They remain evergreen throughout the winter, coming into bloom early the following spring. **Hardy Perennial.**

Finest Mixed. All colors..... $\frac{1}{4}$ oz., 25c; 10c pkt.

POPPIES**Double Annual**

Should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly.

Double Shirley. A very pretty strain with double flowers in the same wonderful range of colors as the single Shirley; 30 inches..... $\frac{1}{4}$ oz., 20c; 10c pkt.

Finest Mixed. This includes all the choicest sorts and will produce charming flowers in an endless variety of colors.
 $\frac{1}{2}$ oz. 15c; oz., 25c; 10c pkt.



Pansies

Single Annual

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly. **Hardy Annual.**

American Legion. A greatly improved English Scarlet or Flanders Poppy, with very large flowers of dazzling orange scarlet; 2 feet.....10c pkt.

Shirley Wild-Rose Pink. A uniform bright but soft Wild Rose pink, a color that appeals to everyone and which makes a charming bed, and of special value for cutting; 2 feet..... $\frac{1}{4}$ oz., 30c; 10c pkt.

Shirley Finest Mixed. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped.

$\frac{1}{4}$ oz., 15c; oz., 40c; 10c pkt.
Tulip. One of the most brilliant of poppies, bearing bright scarlet tulip shaped flowers with a dark spot at the base of each petal..... $\frac{1}{4}$ oz., 25c; 10c pkt.

Finest Mixed. This mixture includes all the choicest Poppies and is really extra choice.

$\frac{1}{4}$ oz., 15c; oz., 25c; 10c pkt.



Salpiglossis

POPPIES—Cont.**Hardy Perennial**

The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters.

Oriente. (The large Oriental Poppy.) A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, and large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. . . . ¼ oz., 40c; 10c pkt.

Oriental Hybrids. Contains the preceding and many more beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors. . . . ¼ oz., 50c; 10c pkt.

PORTULACA (Sun Plant or Rose Moss)

One of our finest **Hardy Annual** plants, of easy culture, thriving best in a light loam or sandy soil, and luxuriating in an exposed, sunny situation, the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work; 6 inches.

Single Mixed Colors. Oz., 60c; 10c pkt.

Double Mixed. A large percentage of the flowers will come perfectly double. . . . ¼ oz., 75c; 10c pkt.

PYRETHRUM

One of the most valuable of our summer flowers. They flower in May and June, and frequently in August and September the second time. **Hardy Perennial.**

Hybridum Grandiflorum. Bears large Daisy or Cosmos-like flowers, ranging in color from light pink to deep red, with bright yellow centers; blooms in May and June and again in the fall. . . . ¼ oz., 50c; 10c pkt.

Hybridum Fl. Pl. Large semi-double flowers, resembling a China Aster, only more refined; extra choice selected seed; mixed colors. 25c pkt.

Pyrethrum Aureum. It is the well-known Golden Feather used for edging, carpet-bedding, etc. 10c pkt.

RICINUS (Castor Bean)

Known as "Castor Oil Plant" and "Palma Christi." Highly ornamental and stately growing plants of tropical origin, with luxuriant foliage of varied colors and brilliant colored fruit. Sow as soon as the ground is warm. **Half-hardy Annual.**

Sanguineus. Blood-red stalks and clusters of red fruit; 8 feet. Oz., 25c; 10c pkt.

Zanzibariensis. The plants attain great dimensions. The different varieties have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs.

8 to 12 feet. Oz., 25c; 10c pkt.

Mixed. All sorts. Oz., 20c; 10c pkt.

SALPIGLOSSIS (Painted Trumpet)

The blossoms are tube shaped much like a Petunia, but rivaling the latter in the beautiful colors displayed. Seed should be sown early in spring in a hot-bed or window and transplanted when weather is settled, or directly out-of-doors after danger of frost is past. **Half-hardy Annual.**

Finest Mixed. This mixture is put up by ourselves from separate varieties and is without doubt the best mixture obtainable. ¼ oz., 25c; 10c pkt.

SAPONARIA (Bouncing Bet)

Ocymoides. Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. ¼ oz., 30c; 10c pkt.

Vaccaria. A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny-pink flowers somewhat like an enlarged Gypsophila. Oz., 30c; 10c pkt.

SALVIA (Flowering Sage)

Seed should be sown as early as possible, either indoors or in a hot-bed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. **Half-hardy Perennial.**

America, or Globe of Fire. A variety of Dwarf, bushy, compact growth, uniform in height and shape, and literally aglow with large spikes of brilliant scarlet flowers from early in the season until late in fall.

¼ oz., 75c; 15c pkt.
Bonfire, or Clara Bedman. Grows in compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet stand clear above the dark-green foliage and completely cover the plant. . . ¼ oz., 50c; 10c pkt.

Farinacea. The fine bright blue flowers are borne on long graceful stems. They are excellent for cutting. The bushes are 2 feet tall. ½ oz., 50c; 10c pkt.
Patens. A tender perennial variety; flowers intense bright blue, of large size; a beautiful plant for the border. 20c pkt.

Splendens. (Scarlet Sage.) One of the finest summer and fall plants with magnificent brilliant scarlet flowers. 2 feet. ½ oz., 35c; ¼ oz., 60c; 10c pkt.

SCABIOSA (Mourning Bride, Sweet Scabious, Pincushion Flower)

The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. **Hardy Annual.**

Azure Fairy. Lavender blue.

Crimson. Rich, rosy crimson.

Pink. Delicate tone of pink.

Rose. Soft rose color.

White. Pure white.

Any of the above colors. ¼ oz., 30c; 10c pkt.

Mixed. All colors of the Improved Large-flowering sorts. . . ¼ oz., 15c; oz., 50c; 10c pkt.

Scabiosa (Hardy Perennial Varieties)

Caucasica, Giant Hybrids. A great improvement with larger and longer stems and larger and heavier petals, which are ruffled and slightly frilled on the edges. In this hybrid strain you will find colors ranging from white to the darkest blue. 15c pkt.

SCARLET RUNNER BEANS

A great favorite in Europe, not only as an ornamental climber, but for the delicious, edible pods which succeed the bright scarlet, pea-shaped blossoms. . . 1 oz., 15c; 10c pkt.

Sensitive Plant. (See Mimosa.)

Shasta Daisy. (See Hardy Chrysanthemum.)

SCHIZANTHUS (Poor Man's Orchid, or Butterfly Flower)

This is one of the daintiest flowers, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and comes into bloom in a few weeks from sowing. **Half-hardy Annual.**

Mixed. A splendid mixture. Neat pyramidal bushes covered with a multitude of small butterfly-like flowers of the most brilliant and striking color designs. 10c pkt.

STOCKS (Gilliflower)

Stock seed may be sown in the open ground, or in the hot-bed or cold frame, but if transplanted, let this be done when the plants are small, just out of the seedleaf, or the plants become slender and never make good plants nor flower well.

McCullough's Cincinnati Market. A fine perpetual blooming stock, producing one long, sturdy spike, closely set with enormous double flowers. A grand variety. 10c pkt.

Princess Alice. (Cut and Come Again.) If sown early it commences blooming in June and continues until frost. It throws out numerous side branches bearing clusters of very double, pure white, fragrant blossoms and is excellent for cutting. 10c pkt.

Giant Perfection Ten Week Stock

This magnificent strain is without a rival for open ground planting, attaining a height of 2½ feet. The spikes of bloom are long and the individual flowers are enormous in size and very double. **Half-hardy Annual.**

Finest Mixed Perfection. All colors. 10c pkt.

Mammoth-Flowering Beauty Stock

A magnificent recently developed strain of early flowering Winter Stocks, forming many-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers. If sown in March will produce plants that will bloom out of doors. **Half-hardy Biennial.**

Beauty Stocks, Mixed. 10c pkt.

STATICE (Sea Lavender)

Its cloud-like masses of flowers make borders gay for a long time, and their delicate coloring and light graceful habit make them fine for bouquets.

Sinuata. (True Blue.) Beautiful rich navy-blue which does not readily fade. Fine annual for cut-flowers or everlasting bouquets. 1 foot. ¼ oz., 25c; 10c pkt.

Latifolia, Mixed. **Hardy Perennial** with large, branching heads. Invaluable for the perennial border as well as for drying for winter decoration. 2 feet. . ¼ oz., 35c; 10c pkt.

STOKESIA (Cornflower or Stoke's Aster)

Plants grow about 15 to 18 inches high, bearing freely from July to October handsome Centaurea-like blossoms, each measuring from 4 to 5 inches across; it is of easy culture also for cutting. **Hardy Perennial.**

Cyanea. Light blue.....10c pkt.

SUNFLOWER (Helianthus)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. **Hardy Annual.**

Double Annual Sunflowers

Chrysanthemum-Flowered. The plants grow 6 to 8 feet and produce a great number of double flowers.

Oz., 30c; 10c pkt.
Globosus Fistulosus. (Dahlia Sunflower.) Flowers large, double, of a rich saffron color, 6 feet...Oz., 30c; 10c pkt.
Mammoth Russian. Extra large flowers, with an abundance of seed.....Oz., 15c; 1/4 lb., 25c; 10c pkt.
Double Varieties, Mixed......Oz., 25c; 10c pkt.

Single Annual Sunflowers

(Dwarf-Branching "Cut-and-Come-Again")

Stella. (Improved Miniature Sunflower.) Flowers of the purest golden yellow, with black disc. The plants form bushes 2 to 3 feet high, bearing a continuous succession of flowers from June until frost. **Hardy Annual.**

1/2 oz., 20c; 10c pkt.

Hardy Perennial Sunflowers

Mixed. Contains the finest single-flowering **Hardy Perennial** sorts. Seeds sown early will produce flowering plants the first year; for the hardy border as well as for cutting, they are of great value.....1/4 oz., 65c; 10c pkt.

MCCULLOUGH'S**SELECT SWEET PEAS**

Sweet Peas should be sown very early in the spring in the open ground as soon as the soil can be worked, using Bone Meal or rotted manure in preparing the soil. Sow in furrows six inches deep, covering at first with about two inches of soil, and when the plants are about two or three inches high thin out and cover with another inch of soil, add soil at intervals until trench is nearly level, leaving a little hollow to hold water. A mulch of Peat Moss is beneficial during dry weather.

Early Flowering Spencer Varieties

Aviator. Dazzling crimson scarlet.....Oz., 60c; 10c pkt.
Blue Bonnet (New). Clear deep blue.....Oz., 60c; 10c pkt.
Burpee's Orange. Orange.....Oz., 60c; 10c pkt.
Chevalier. Rose, trace of yellow.....Oz., 60c; 10c pkt.
Glitters. Fiery cerise.....Oz., 60c; 10c pkt.
Harmony. Clear lavender.....Oz., 60c; 10c pkt.
Lavender King. Deep lavender.....Oz., 60c; 10c pkt.
Majestic Rose. Rose pink.....Oz., 75c; 15c pkt.
Peaches. Bright apricot rose.....Oz., 60c; 10c pkt.
Snowstorm Improved. White.....Oz., 60c; 10c pkt.
Valencia. Orange sunproof.....Oz., 75c; 15c pkt.
Yarrowa. Rose, light pink.....Oz., 60c; 10c pkt.
Zvolanek's Rose. Giant rose pink.....Oz., 60c; 10c pkt.
Early Flowering Spencers, Mixed. A carefully composed mixture of the finest standard named varieties, colors properly blended.....1/2 oz., 25c; oz., 40c; 10c pkt.

Spencer Varieties

Crimson King. Large, rich, deep crimson waved flowers.
 Oz., 30c; 10c pkt.
Flamingo. Orange scarlet cerise.....Oz., 30c; 10c pkt.
Fortune. Rich dark blue.....Oz., 30c; 10c pkt.
Mary Pickford. Cream pink faintly suffused salmon.
 Oz., 30c; 10c pkt.
Pinkie. Mammoth, deep rose pink.....Oz., 30c; 10c pkt.
Rosabella. Rose.....Oz., 30c; 10c pkt.
Snowball. Dazzling White.....Oz., 30c; 10c pkt.
Wembly. Lavender Blue.....Oz., 30c; 10c pkt.
McCullough's Special Mixture Spencer Varieties. This mixture is made up by ourselves from the cream of this class in all possible color variations.
 1/4 lb., 75c; oz., 25c; 10c pkt.

McCullough's Premier Mixed Grandiflora Sweet Peas. This mixture contains all the best-named large-flowering varieties and novelties and is undoubtedly a truly superb mixture blended by us with extraordinary care from named varieties.....1/4 lb., 50c; oz., 15c; 10c pkt.

SWEET WILLIAM (Dianthus Barbatus)

They make a splendid show in the garden or hardy border and last well as cut flowers.

Seed may be sown at any time from spring to mid-summer. Seed planted early will bloom in the fall. It is better to sow seed every year to have young plants, as they flower more freely. **Hardy Perennial.** Height, 1 1/2 to 2 feet.

Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, and the range of color, all showing a clear, white eye, is superb. 1/4 oz., 30c; 10c pkt.
Newport Pink. Beautiful light pink flowers borne in massive heads on stems 18 inches high. Very effective for cutting.....1/4 oz., 50c; 10c pkt.
Single Mixed. A very choice assortment of all the best single-flowering varieties.....1/4 oz., 20c; 10c pkt.
Double Mixed. This mixture you will find of very superior quality; containing all colors and shades.
 1/4 oz., 25c; 10c pkt.

Sweet Sultans. (See Centaurea.)

Snow-on-the-Mountain. (See Euphorbia.)

Snapdragon. (See Antirrhinum.)

THUNBERGIA (Black-Eyed Susan)

Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc.; with dark eyes; mixed colors. **Half-hardy Annual.** 4 feet.....1/4 oz., 30c; 10c pkt.

VERONICA (Speedwell)

Spicata. An elegant hardy border plant, growing about 1 1/2 feet high, producing long spikes of bright blue flowers in June and July.....10c pkt.

VINCA (Madagascar Periwinkle, or Old Maid)

Ornamental, free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out-of-doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water; 2 feet. **Tender Annual.**

Rosea. Rose, dark eye.....10c pkt.

Alba Rosea. White, crimson eye.....10c pkt.

Alba Pura. Pure white.....10c pkt.

Mixed......1/4 oz., 40c; 10c pkt.

VERBENAS

To have the best results, seeds should be started early in the house and the young plants bedded out by the first of June, and they will make a lavish and showy display of flowers until frost. **Half-hardy Annual.**

Finest Mixed. Our mixture contains every desirable color and shade. They bloom most profusely, and for enormous flowers of rich and superb colors, are unsurpassed.

1/4 oz., 25c; 1/4 oz., 40c; 10c pkt.

Hybrida Grandiflora Royale. Flowers are enormous size, the individual flowers measuring over an inch and a quarter in diameter, color dark royal blue, large creamy yellow eye.....15c pkt.

"WILD GARDEN" FLOWER SEED

Each package contains about 100 varieties of hardy flower seeds mixed together, and wherever planted will insure something new almost every day. Is suitable for sowing in shrubbery, under trees, and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision.

Dwarf Sorts. Growing from 12 to 18 inches high

Oz., 25c; 10c pkt.

Climbing and Trailing Sorts. Fine for hiding fences, brush rubbish heaps.....Oz., 25c; 10c pkt.

WILD CUCUMBER

(Echinocystis Lobata)

This is one of the quickest growing climbers on our list. Should be sown late in the fall or very early in the spring. It is thickly dotted over with pretty, white fragrant flowers followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar, no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. **Hardy Annual.**.....1/2 oz., 15c; oz., 20c; 10c pkt.

ZINNIAS (Youth and Old Age)

These attractive and decorative half-hardy annuals are most desirable plants for mixed borders or bedding purposes. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color. The seed can be sown early in the hot-bed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost. **Half-hardy Annual.**

DAHLIA FLOWERED

When in full bloom the flowers often measure 4 inches in depth and 6 to 8 inches in diameter, in form like a perfect decorative Dahlia. When cut from the plant and placed by Dahlias, it is difficult to distinguish one from the other.

DAHLIA—Cont.

We offer the following varieties of the Dahlia Flowered Type in separate colors:

Canary Bird, Primrose.....15c pkt.
Crimson Monarch, Largest and best red.....15c pkt.
Dream, Lavender turning to purple.....15c pkt.
Illumination, Deep rose.....15c pkt.
Oriole, Orange and gold.....15c pkt.
Polar Bear, Pure white.....15c pkt.
Scarlet Flame, Bright scarlet with a blending of orange throughout the petals.....15c pkt.
Collection, One packet each of the above seven varieties, 90c
Finest Mixed..... $\frac{1}{4}$ oz., 60c; 10c pkt.
Crown of Gold, Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The effect is a very pleasing two-tone color harmony. The color range comprises the more popular shades including old rose, cream, yellow, carmine and burnished red.....25c pkt.

GIANT PICOTEE

The flowers are very effective in appearance, as the edges of the petals are well marked with a distinct color to the body of the flower, making them very attractive as bedders and cut flowers.

Finest Mixed, All colors..... $\frac{1}{4}$ oz., 50c; 10c pkt.

McCullough's Superb Mammoth Zinnias

This is the finest strain obtainable. The flowers are of enormous size, thickly set with velvety petals. McCullough's Superb Mammoth will be found very superior to ordinary Zinnias. New colors have been added, depth and size given to blooms and a rich velvety lustre to the petals.

Mammoth White.
Mammoth Yellow.
Mammoth Bright Rose.
Mammoth Crimson.
Mammoth Scarlet.
Mammoth Violet.

Each of the above..... $\frac{1}{4}$ oz., 50c; 10c pkt.

Collection, One packet of each of the above 6 varieties, 50c.
Mammoth Finest Mixed, Contains all the colors listed above together with many new shades. Be sure and try this wonderful strain of this grand old favorite flower.

$\frac{1}{4}$ oz., 30c; 10c pkt.



Sweet Pea

LILLIPUT

This type has become very popular for bedding and border work, also as a florists' cut flower, of compact habit, not over 15 inches high, bearing small, densely double flowers on long stems.

Golden Gem, Salmon Rose, Scarlet Gem or Red Riding Hood.

All three varieties are..... $\frac{1}{4}$ oz., 30c; 10c pkt.



Betty Uprichard



Etoile de Hollande



Souv. de Geo. Pernet

McCullough's Select Roses

PLANTING INSTRUCTIONS

The best soil for Rose beds is a medium, heavy clay for Hybrid Perpetuals, and a somewhat lighter soil for Hybrid Teas, both soils requiring a good drainage.

The beds should be dug about eighteen to twenty-four inches deep, and a well mixed compost mixed with the sub-soil, also incorporate bone meal or Vigoro thoroughly.

Set the rose in the hole, spreading out the roots carefully, filling in good soil and firming it around roots with the hands. When hole is filled, tamp firmly with the feet or spade. This is important as roses will not do well in loose soil.

Garden Roses require pruning and this is one point in rose planting that we cannot stress too strongly. They should be cut back severely when planted out. Another essential thing is to prune all broken roots.

One very satisfactory way of planting roses is pulling the soil up around the rose to a height of five to six inches then prune off all branches to about one or two inches above the soil, leaving in this state for about ten days or two weeks or until buds show signs of growth, then the soil can be removed. If not planted in this way we would suggest a pruning of about two-thirds of the plant. A severe pruning will better the individual blooms. Roses planted this way prove very satisfactory, but the point that we wish to encourage is to prune your roses and prune severely to insure good roses and to avoid the disappointment of having them die.



Mrs. Henry Morse



Mrs. E. P. Thom



Dame Edith Helen

HYBRID TEA ROSES

We offer the following list of dormant Roses, all field grown stock, 2 year old, ready for delivery about March 10th. Price, 65c each; \$6.00 for 10.

Columbia. Glowing pink.

Double White Killarney. Waxy white.

Gruss an Teplitz. Scarlet; constantly in bloom.

K. A. Victoria. White; fine form.

Killarney. Pink. Favorite bedding rose.

Los Angeles. Flame-pink, toned coral, shaded gold at base.

Mme. Butterfly. Bright pink, apricot and gold.

Mrs. Aaron Ward. Yellow, sometimes shaded salmon and rose.

Ophelia. Salmon-flesh, shaded rose.

Radiance. Carmine-pink, yellow at base of petals.

Red Radiance. Dazzling crimson-scarlet.

Souv. de Claudius Pernet. Sunflower-yellow.

Sunburst. Rich yellow, shaded coppery orange.

SELECT HYBRID TEA ROSES

We offer, this season, the finest and choicest collection of Hybrid Tea Roses that we ever offered at one time. All our stock is selected grade, 2 year old, No. 1, each plant labeled and roots wrapped in packing and burlap.

Angele Pernet. The most brilliantly colored mandarin and yellow Rose in existence; large, semi-double.

Betty Uprichard. (See Cut.)

Briarcliff. The most recent and best sport of Columbia. Fine, handsome flowers of the even shade of silvery rose-pink.

Dame Edith Helen. One of the largest and most perfectly shaped pink Roses known. Blooms abundantly, with long, strong stems, and the flowers resemble a perfectly shaped, bright pink Francis Scott Key.

Dorothy Page Roberts. Large, copper-pink buds and flowers suffused with apricot-yellow.

Emile Charles. A vigorous, bushy plant of the Mme. Edouard Herriot type with brilliant fiery red buds shaded with golden yellow, opening to reddish coral flowers tinted with flame color.

Etoile de Hollande. (See Cut.)

Hoosier Beauty. Vigorous plants with large, velvety crimson blooms throughout the season.

Joanna Hill. A glorified Mrs. Aaron Ward. Heavy lemon-yellow center surrounded by bold buff petals. Heavy foliage.

John Russell. A vigorous grower of almost Hybrid Perpetual habit, with large flowers borne singly on the top of strong stems. It is rich crimson-scarlet, shaded with black, and at all stages of the bloom is one of the most perfectly formed flowers we have ever seen. It blooms with us continuously from June until frost.

Lady Alice Stanley. Sturdy, active bushes with distinctive, healthy foliage and large, erect, very double flowers of light silvery pink, darker on the outside of the petals. Its unusual hardiness recommends it for cold climates.

Lady Hillingdon. The always-popular, beautiful apricot-yellow Tea Rose with lovely buds and exquisitely formed open blooms produced continuously.

Margaret McGredy. Brilliant red petals on hinges of deep gold. Buds upright. Seldom out of bloom.

Mme. Edouard Herriot. The original of all the bright orange-pink varieties and still one of the best. Deserves its wide popularity.

Mme. Jules Bouche. Bushy, erect plants with medium-sized, well-shaped, white flowers, lightly tinted with pink at the center, produced abundantly throughout the season.

Mme. Leon Pain. Stocky, spreading plants with beautiful foliage and large, ruffled, light pink flowers of beautiful form and fragrance. Almost immune from black-spot.

Mrs. A. R. Barraclough. A new variety of giant growth with long, tapering buds and high-pointed blooms of light, glowing pink, tinted with salmon.

Mrs. Erskine Pembroke Thom. Generally conceded to be immensely superior for garden planting to Souv. de Claudius Pernet and others of that type. The fine long buds open into perfectly shaped, open flowers of rich lemon-yellow. Very vigorous and continuously in bloom.

Mrs. Henry Morse. (See Cut.)

Rev. F. Page-Roberts. (See Cut.)

Ville de Paris. Vigorous plants of strong, wiry growth, producing splendid buds of bright yellow which open into fadeless, double blooms of the Radiance shape.

Wilhelm Kordes. Strong, branching growth with large, very double, star-shaped flowers of vivid salmon-pink shaded with orange and yellow. One of the most striking modern Roses and steadily increasing in popularity.

William R. Smith. A very vigorous, branching Tea Rose with long-pointed, creamy white buds, stained with pink and crimson. The flowers are very double, beautifully shaped.

Willowmere. (See Cut.)

Any of the Above Named, 75c each; \$7.00 for 10.



Rev. F. Page Roberts



Willowmere



Mme. Butterfly

HYBRID PERPETUAL ROSES

Among all the hardy plants few are so commonly well liked or more valuable than the roses, particularly the "June Roses," as the Hybrid Perpetuals are called. They are strong growers, bearing large globular flowers and are so hardy that they succeed in any locality.

American Beauty. A very popular purplish crimson variety.

Frau Karl Druschki. Long buds and magnificent snow-white blooms with large saucer-shaped petals.

General Jacqueminot. Shapely buds and handsome blooms of bright, shining crimson, rich, brilliant, velvety and fragrant.

Mistress John Laing. Clear, bright, shining pink; immense, full blooms on long, stiff stems.

Paul Neyron. Bright, shining pink, clear and beautiful; very double and full; finely scented.

Any of the above varieties, 75c each; \$7.00 for 10.

HARDY CLIMBING ROSES

Climbing American Beauty. Extremely beautiful large buds and flowers of bright purplish crimson.

Climbing Lady Ashtown. A splendid, hardy, climbing Hybrid Tea Rose with exquisite, pointed blooms of vivid pink.

Doctor W. Van Fleet. A delicate shade of flesh-pink deepening to rosy-flesh in the center; buds pointed, flowers full and double.

Mary Wallace. Bright, clear rose-pink with salmon base to the petals.

Paul's Scarlet Climber. Vivid scarlet, shaded crimson, non-fading; semi-double flowers of medium size in large trusses produced in great profusion.

Silver Moon. Clear silvery-white with a mass of bright yellow stamens.

Any of the above varieties, 75c each; \$7.00 for 10.

POT GROWN ROSES

We offer for May delivery a very fine selection of Pot Grown Roses, all 6 inch pot plants in full foliage. Our list contains all the fine garden varieties. If you are looking for Roses in foliage and ready to bloom these are just the right plants.....\$1.50 each; \$12.50 for 10

STANDARD OR TREE ROSES

Budded on Strong Rugosa Stems

We offer a fine assortment of select plants on 36-inch stems.....\$3.50 each; \$32.50 per 10.

We offer the following Rose Collections, consisting of ten favorite Garden Roses, all two-year-old, field grown, which should give a succession of bloom the entire season.

COLLECTION No. 1

Radiance	Columbia
Red Radiance	Mme. Butterfly
Ophelia	White Killarney
Los Angeles	Killarney
Sunburst	Souv. de Claudius Pernet

ABOVE COLLECTION—\$5.00

COLLECTION No. 2

Mme. Leon Pain	Wm. R. Smith
Dorothy Page-Roberts	John Russell
Etoile de Hollande	Mme. Ed. Herriot
Souv. de Georges Pernet	Hoosier Beauty
Villa de Paris	Mrs. E. P. Thom

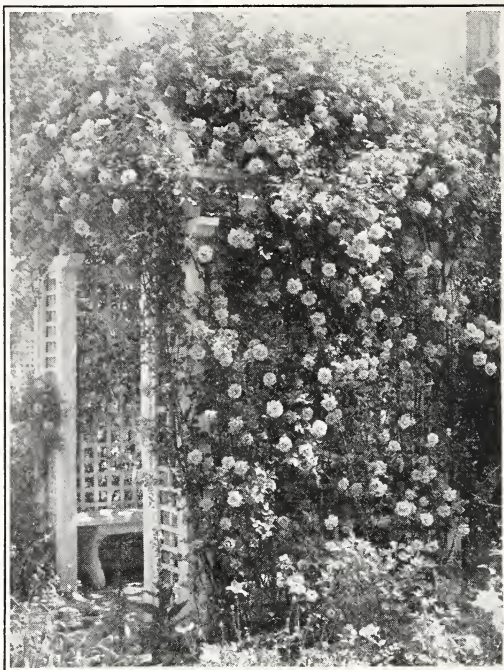
ABOVE COLLECTION—\$6.00

HEDGE PLANTS

California Privet. (*Ligustrum Ovalifolium*.) The most advantageous manner of planting is in double rows, the two rows being about 8 inches apart. The plants should be set 12 inches apart in the row, alternating the plants. 18 to 24 inches. \$1.00 for 10; \$4.50 per 100. 24 to 30 inches. \$1.20 for 10; \$6.50 per 100.

Berberis Thunbergi. (Japan Barberry.) Where a low, dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep it in shape. Plant 12 to 15 inches apart. 12 to 18 inches. \$2.50 for 10; \$20.00 per 100.

Spiraea Vanhouttei. An ideal flowering shrub to use as a dividing line between properties. Plant 18 to 24 inches apart. 25c each; \$2.00 for 10.



Climbing American Beauty

WEeping TREES

Birch. (Cut-leaf Weeping.) A tree of wonderful grace and beauty. Tall, slender, drooping branches and delicately cut leaves. It colors brilliantly in the fall. Its bare white trunk and branches make a beautiful winter picture. 6 to 8 ft.....\$5.00 each.

Mulberry, Teas' Weeping. Forms a perfect-shaped head and the slender branches grow downward parallel with the stem, forming an umbrella-like shape. Has beautiful foliage and luscious fruit, is hardy, enduring the cold of the North and the heat of the South, safe and easy to transplant.

1 year head, \$2.75 each; 2 year head, \$4.00 each.

Willow, Wisconsin. A large tree with drooping branches. Leaves are bright green. Excellent for wet locations, but a credit to any lawn. 6 to 8 feet.....\$1.75 each.



Wisconsin Willow

Hardy Herbaceous Perennial Plants

For such of our customers who are not acquainted with the different varieties, we shall be pleased to make suitable selections of the most desirable species, that once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

All plants are forwarded on receipt of order (weather permitting), unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward plants by Parcel Post, and if wanted sent in this way add 5c each, or 30c for 10. Five plants of a kind at ten rate.

ACHILLEA (Milfoil or Yarrow)

Plants suitable for dry, sunny places. The dwarf kinds are useful for carpeting or for rockeries, the taller varieties as border plants.

Boule de Neige (Ball of Snow.) An improved variety bearing pure white flowers of perfect form all summer. Fine for cut flowers.....30c each; \$2.50 for 10.

Eupatorium. Flat heads of brilliant yellow flowers; finely cut foliage. Blooms all summer. 3 to 4 feet.
35c each; \$3.00 for 10.

AJUGA (Bugle)

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow.

Reptans Rubra. Grows 3 to 4 inches high, with large spikes of purplish-blue flowers in May...25c each; \$2.00 for 10.

ALYSSUM (Rock Madwort)

Very popular for beds, borders and winter flowering. Of easiest culture and very free blooming.

Saxatile Compactum (Basket of Gold, Gold Tuft, Rock Madwort.) A fine plant for the rockery or border, grows one foot high and produces broad flat heads of yellow flowers in May.....30c each; \$2.50 for 10.

ANCHUSA ITALICA

Dropmore Variety. Remarkable for its free and continual flowering all summer and the beautiful gentian-blue of its flowers; grows about five feet high.

25c each; \$2.00 for 10.

ANEMONE JAPONICA

(Japanese Windflower)

They grow two to three feet high and are in bloom from August till mid-November, furnishing abundant cut flowers and a brilliant display.

Queen Charlotte. Very large, semi-double flowers of La-France pink, a color that is rare among hardy plants.
30c each; \$2.50 for 10.

Whirlwind. Large, semi-double, white flowers.
30c each; \$2.50 for 10.

ANTIRRHINUM (Snapdragon)

They are undoubtedly one of the best cut flowers which can be grown, while for beds or borders they are a constant source of pleasure, being in flower all the time. Our collection embraces several colors in mixture. Not ready before May 10th.....25c each; \$2.00 for 10.

AQUILEGIA (Columbine)

Charming hardy plants, with distinct clear-cut foliage, bearing in countless numbers through May and June exquisite clear blue, white, rose, yellow, purple and striped blossoms. They thrive well with ordinary garden culture, but do best in partially shaded nooks.

Coerulea. Flowers often three inches in diameter; the outer sepals deep lilac or blue, petals white, the deep blue spur tipped green.....30c each; \$2.50 for 10.

Chrysantha (Golden Columbine.) Golden yellow flowers with long spurs.....30c each; \$2.50 for 10.

Long Spurred Hybrids. Beautiful variations from the standard type.....30c each; \$2.50 for 10.

Mrs. Scott Elliott Hybrids. Wonderful colors with very long-spurred flowers. Best mixture grown. Our stock is from seed from this source, absolutely true strain.
30c each; \$2.50 for 10.

Wayside Pink. A beautiful strain of nothing but clear pink colors. We do not think that they can be surpassed.
35c each; \$3.00 for 10.

ARABIS (Rockcress)

Alpina. A desirable early spring flowering plant, adapted for edging and the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers, which last a long time in bloom.
25c each; \$2.00 for 10.

ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery.

Laucheana Rosea. Bright rose. 3 to 6 inches.
40c each; \$3.50 for 10.

AUBRIETIA (Rock or False Wallcress)

One of the most beautiful of all dwarf, creeping plants for carpeting beds or rockeries, forming brilliant sheets of blue, crimson or rose for many weeks. Massed on rockeries or in borders with white Arabis and yellow Alyssum, it forms a charming contrast.

Mixed colors.....35c each; \$3.00 for 10.

ASTERS

(Michaelmas Daisies or Starworts)

The hardy sorts are entirely distinct from Annual Asters, being smaller in bloom, but produced in greater quantity.

Charm. Very double violet-blue flowers.
40c each; \$3.50 for 10.

Erica. A beautiful clear pink; large double flowers.
40c each; \$3.50 for 10.

Joan Vaughan. Large, semi-double flowers of deepest blue.
40c each; \$3.50 for 10.

Lady Lloyd. A very fine, clear rose pink. Lasts exceedingly well.....40c each; \$3.50 for 10.

Novae-Angliae Roseum Superbum. Color almost red and a profuse bloomer.....40c each; \$3.50 for 10.

Perry's White. The finest white Michaelmas Daisy yet introduced; perfect in habit and remarkably free flowering.....35c each; \$3.00 for 10.

CAMPANULAS (Bellflower)

Cup-and-Saucer, Canterbury Bells

(Campanula Calycanthema)

Large semi-double flowers, each resembling a cup and saucer.

Pink. Beautiful variety with charming pink flowers.
20c each; \$1.50 for 10.

White. Similar to the preceding, but the flowers are white.
20c each; \$1.50 for 10.

Blue. Beautiful light blue flowers...20c each; \$1.50 for 10.

CERASTIUM (Snow-in-Summer)

Tomentosum. Suitable for the rockery or for covering dry, sunny spots. Low growing plant with silvery foliage and white flowers in June.....25c each; \$2.00 for 10.

CHRYSANTHEMUMS

(Hardy Pompon)

Ready for delivery about May 1st.

Large Flowering and Button Varieties

A. Barnham. Orange bronze.

Aunt Mary. Deep rose pink.

Bronze Queen. Golden bronze; button.

Champaign. Ruby red; button.

Ermalinda. Bright silvery-pink; button.

Excelsior. Deep bright yellow.

Firebird. Dark red and bronze.

Golden Climax. Deep orange-yellow; button.

Murillo. Beautiful clear pink; button.

Uvalda. Best early pure white....25c each; \$2.00 for 10.

COREOPSIS (Lanceolata Grandiflora)

A beautiful hardy border plant; grows eighteen inches high, and produces its bright golden yellow flowers in great profusion the entire season.....20c each; \$1.50 for 10.

DELPHINIUMS (Perennial Larkspur)

These are deservedly popular. They are perfectly hardy and will establish themselves in almost any garden soil, but respond quickly to liberal treatment. Will begin blooming about the middle of June. If stalks are cut off as soon as flowers fade, they will continue blooming all summer.

Belladonna Hybrids. The freest and most continuous bloomer of all. The clear turquoise blue flowers are not surpassed by any; 3 feet.....25c each; \$2.00 for 10.

Bellamosa. A dark blue of the type of Belladonna with the color of the old Formosum variety, but not liable to mildew like the latter and of stronger growth.
25c each; \$2.00 for 10.

Gold Medal Hybrids. Unquestionably the finest strain of mixed hybrids ever offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over.....30c each; \$2.50 for 10.

Wrexham or Hollyhock Strain. This strain has brought the Delphinium into great popularity for bedding or cutting. The plants we offer contain all colors and come double and single35c each; \$3.00 for 10.



Aquilegia



Coreopsis



Chrysanthemum

DIANTHUS (Hardy Pink)

Allwoodi. New perpetual hardy flowering pinks. They are perfectly hardy and flower continuously from early spring until late in autumn; the flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove scented.50c each; \$4.50 for 10.
Mixed. Single and double; all colors. Strong field grown plants.20c each; \$1.50 for 10.

DIELYTRA OR DICENTRA

Spectabilis (Bleedingheart or Seal Flower.) An old-fashioned favorite; its long racemes of graceful, heart-shaped pink flowers are always attractive; is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade. 35c each; \$3.00 for 10.

DIGITALIS (Foxglove)

The strong flower stalks—frequently four to six feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border.
Giant Shirley Foxgloves. Of extraordinary size and vigor, growing 5 to 6 feet tall, with flower heads over 3 feet long, crowded with big, bell-shaped blossoms. Colors range from white and shell pink to deepest rose; many attractively dotted with crimson or chocolate.25c each; \$2.00 for 10

Gloxiniaeflora. Finely-spotted varieties. White, purple, rose or mixed. 3 to 4 feet.25c each; \$2.00 for 10.

EUPATORIUM (Hardy Ageratum)

A splendid native plant, growing 6 to 10 inches high; immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

Celestinum. Lavender flowers, similar to the Ageratum, blooms from August until frost. 35c each; \$3.00 for 10.

FUNKIA (Plantain Lily)

The Plantain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border, even when not in flower. They succeed equally well in sun or shade.

Subcordata Grandiflora Alba. (White Daylily, August Lily.) Pure white, lily-shaped, fragrant flowers.25c each; \$2.00 for 10.

Undulata Variegata. Foliage green, striped with white.25c each; \$2.00 for 10.

GAILLARDIA (Blanketflower)

Grandiflora. Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers three inches in diameter; center dark reddish-brown; petals orange to crimson. (See cut.)25c each; \$2.00 for 10.

GYPSOPHILA (Babysbreath)

During August and September the plant is a mass of delicate feathery blooms. These may be used as fresh cut flowers, also for a semi-everlasting effect.

Paniculata. Loose, feathery sprays of white flowers, making a mist-like effect; fine for bouquets.30c each; \$2.50 for 10.

Repens. A beautiful trailing plant for the rockery, with clouds of small, white flowers in July and August.30c each; \$2.50 for 10.

Bristol Fairy. A wonderful new introduction and a great improvement over even the fine Snow White. Bristol Fairy produces much larger panicles of flowers, in which the individual blossom is larger, and of much purer white. Blooms all summer. Strong plants.50c each; \$4.50 for 10.

GRASSES, Ornamental. (See pages 10 and 22.)

HELENIUM (Sneezewort)

Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of blooms in late autumn.

Autumnale Superbum. Broad heads of deep golden yellow flowers in late summer. Grows 5 to 6 feet high.35c each; \$3.00 for 10.

Autumnale Rubrum. A splendid new variety; deep ox-blood red, changing to terra-cotta. 5 to 6 feet. September.35c each; \$3.00 for 10.

HELIANTHUS (Hardy Sunflower)

The perennial Sunflower is very effective either in borders, among shrubbery, or as clumps on the lawn, etc.

Maximiliana. Flowers in long, graceful sprays during October, when all others have finished flowering; 5 to 7 feet.35c each; \$3.00 for 10.

HEMEROCALLIS (Yellow Daylily)

Lily-like plants, which flower in greatest profusion during the summer.

Flava. The best known variety, very fragrant, deep lemon yellow flowers in June and July.25c each; \$2.00 for 10.

Dr. Regel. Handsome, rich orange-yellow flowers in May. Very fragrant. Fine for cutting. 1½ feet.25c each; \$2.00 for 10.

Thunbergi. Bears rich, buttercup-yellow, funnel-shaped flowers in July and August.25c each; \$2.00 for 10.



Delphinium



Gaillardia



Pyrethrum

HESPERIS (Sweet Rocket)

Matronalis. Fragrant purple flowers in showy spikes. Desirable for wild garden, shrubby or mixed borders. 2 to 3 feet; June and July.....30c each; \$2.50 for 10.

HEUCHERA (Alum Root)

Foliage remains close to the ground. During July and August the graceful, thin flower spikes, 12 to 18 inches, appear in profusion.

Sanguinea. Bright scarlet.....35c each; \$3.00 for 10.

HIBISCUS (Mallow)

These are a mass of bloom during the entire summer, when they produce large flowers in gorgeous colors.

Mallow Marvels, Giant-flowering. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in autumn. We offer three distinct colors—red, pink and white—strong roots.

25c each; \$2.00 for 10.

HOLLYHOCK

For planting in rows or in groups on the lawn, or for interspersing among shrubbery, they are invaluable. They require rich, deep soil, well drained.

Newport Pink. Finest pure pink, double flowering variety.

25c each; \$2.00 for 10.

Double White, Double Rose, Double Yellow, Double Red,

Double Mixed.....25c each; \$2.00 for 10.

Single Mixed. A wide range of colors.

25c each; \$2.00 for 10.

IBERIS (Hardy Candytuft)

Sempervirens. Low growing, with evergreen foliage. In spring and early summer is completely covered with dense heads of pure white flowers. 30c each; \$2.50 for 10.

LIBERTY IRIS (Iris Germanica)**JAPANESE IRIS (Iris Kaempferi)**

Write for Varieties and Prices

IRIS PUMILA

These beautiful little Irises do not grow over 4 inches high, and bloom in April and May.

Coerulea. Dark violet-blue.....25c each; \$2.00 for 10.

Excelsa. A splendid pale lemon yellow.

30c each; \$2.50 for 10.

Schneecuppe. A large, showy, pure white.

25c each; \$2.00 for 10.

LAVANDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high with delightfully fragrant blue flowers in July and August.....35c each; \$3.00 for 10.

LINUM (Flax)

Perenne. A fine plant for the border or rockery; grows 2 feet high, with light, graceful foliage and large blue flowers all summer.....25c each; \$2.00 for 10.

LUPINUS (Lupine)

They grow about 3 feet high, producing large spikes of flowers, latter part of May and early June.

Polyphyllus. Clear blue.....35c each; \$3.00 for 10.

Albus. A white variety of above....35c each; \$3.00 for 10.

MONARDA (Bergamot)

Showy plants, growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma, Cambridge Scarlet. (Oswego Tea.) Flowers bright scarlet.....25c each; \$2.00 for 10.

MYOSOTIS

Palustris Semperflorens. Large, rich blue flowers with yellow eye; a charming plant for damp places and a profuse bloomer.....25c each; \$2.00 for 10.

PEONIES

While these are only suitable for fall planting during the months of September, October and November, we have some demand from those who wish to complete their planting designs. For the convenience of those we will be pleased to submit a list of the sorts we can supply.

HARDY PHLOX (Phlox Decussata)

If the first spikes of bloom are removed as soon as over, they will produce a second supply of flowers, continuing the display until late in autumn.

We offer the following collection of extra choice varieties. 25c each; \$2.00 for 10.

Beacon. Brilliant cherry-red.

B. Comte. Fine, rich crimson.

Elizabeth Campbell. Light salmon-pink

Europa. White with large crimson-carmine eye. Very large flower and truss.

Fuerbrand. Brilliant orange-scarlet.

Jules Sandeau. Large, fine, very free flowering, pure pink.

LaVague. An improvement over older varieties of similar color, with immense, conical heads, borne in great profusion. Warm mauve with emphatic carmine eye.

Mrs. Jenkins. White; immense panicles; free bloomer.

Rheinlander. A beautiful salmon-pink, with flowers and trusses of immense size.

Rijnstroom. Lively rose-pink, much like Paul Neyron rose.

Immense trusses of flowers.

Thor. A beautiful lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; has aniline-red eye.

White Lady. Very fine pure white.

If wanted by mail, add 5c each; 30c for 10 for postage.

PHLOXES OF SORTS

Divaricata Canadensis. It commences to bloom early in April and continues through May with large, fragrant lavender flowers, on stems 10 inches high.

35c each; \$3.00 for 10.

Subulata. (Moss or Mountain Pink.) An early spring flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom.

Alba. Pure white. **Rosea.** Bright rose.

25c each; \$2.00 for 10.

Suffruticosa. Miss **Lingard.** The best Phlox in cultivation. It produces immense heads of beautiful white flowers in June and blooms again in September and October. Free from attacks of red spider.....25c each; \$2.00 for 10.

PLATYCODON

(Balloonflower or Japanese Bellflower)

Grandiflorum. Deep blue, cupped, star-shaped flowers, one and one-half feet.....25c each; \$2.00 for 10.

Mariesi. Deep blue, bell-shaped flowers, nearly three inches across on one foot high plants....25c each; \$2.00 for 10.

PLUMBAGO (Leadwort)

Larpentae. One of the most desirable border and rock plants. It is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall.....25c each; \$2.00 for 10.

POLEMONIUM (Jacob's Ladder)

Reptans. (Greek Valerian.) Dwarf, bushy plant of graceful growth with showy blue flowers from April to June. A fine rock garden and border plant growing 8 to 10 inches high.....30c each; \$2.00 for 10.

POPPIES, ORIENTAL (Papaver Orientale)

The proper planting season for Oriental Poppies is from the latter part of August till the end of October. Roots planted in spring seldom live and are usually disappointing to customers. Let us book your order for the following varieties for fall delivery.



Oriental Poppies



Campanula



R. P. Struthers Phlox

POPPIES—Cont.

Orientele. (Oriental Poppy.) Tremendous scarlet, cup-shaped blooms of brightest crimson-scarlet, with large purplish black blotches at base of petals.

Orientele, Apricot Queen. Large apricot.

Orientele, Beauty of Livermore. Crimson, with black blotch; fine flowers.

Orientele, Mrs. Perry. Orange apricot; very fine.

Orientele, Perry's White. (New.) The flowers are a fine satiny white with a crimson-maroon blotch at the base of each petal.

PYRETHRUM (Persian or Painted Daisy)

Hybridum. The plants we offer embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in mixed colors only.

25c each; \$2.00 for 10.

Uliginosum. (Giant Daisy.) Grows four to five feet high, and is covered with large, white, daisy-like flowers three inches in diameter from July to September.

25c each; \$2.00 for 10.

RUDBECKIA (Coneflower)

A variety of these will furnish a supply of cut flowers from early July until September.

Golden Glow. Double canary yellow flowers; six feet; August.....25c each; \$2.00 for 10.

Purpurea. (Giant Purple Coneflower.) The flowers remain in perfect condition on the plants for weeks at a time. In fact, we do not know of any other perennial where the flowers last so long in perfect condition. Flowers from July to September; two and one-half feet high.

25c each; \$2.00 for 10.

SALVIA

Azurea. Grows two to three feet high and produces pretty sky-blue flowers in great profusion during August and September.....25c each; \$2.00 for 10.

SCABIOSA

Japonica. Bears lavender-blue flowers on long stems from July to September.....30c each; \$2.50 for 10.

SEDUM (Stonecrop)

Spectabilis. Erect growing; height 18 inches with broad, light-green foliage and immense heads of handsome, showy, rose-colored flowers.....25c each; \$2.00 for 10.

Spectabilis Brilliant. Similar to the above with bright, amaranth-red flowers.....25c each; \$2.00 for 10.

Sciboldi. Round succulent glaucous foliage; bright pink flowers in August and September.....35c each; \$3.00 for 10.

SHASTA DAISY

Large, snowy-white flowers, in bloom continuously throughout the summer and fall. Height 2½ feet.

Alaska. A decided improvement on the original, very free-flowering, with blooms 4½ to 5 inches across of pure, glistening white.....25c each; \$2.00 for 10.

Mrs. C. Lothian Bell. This magnificent white Marguerite is undoubtedly the largest flowered variety of this class. Flowers frequently measure 6 inches across with very broad petals of great substance. 2½ to 3 feet.

35c each; \$3.00 for 10.

SPIREA (Goatsbeard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat attractive foliage; succeed best in a half shaded location in rich, moist soil.

Filipendula. (Dropwort.) Numerous corymbs of white flowers on stems 15 inches high; pretty fern-like foliage. June to July.....25c each; \$2.00 for 10.

Filipendula, fl. pl. (Double Flowered Dropwort.) Pretty fern-like foliage, with double white flowers on stems 15 inches high during June and July.....40c each; \$3.50 for 10.

STATICE (Great Sea Lavender)

Latifolia. Immense heads, 2 to 3 feet across; small, blue flowers from June to September which last for months if cut and dried.....25c each; \$2.00 for 10.

STOKESIA (Cornflower or Stokes' Aster)

Cyanea. Produces showy, aster-like, deep blue flowers which measure from 4 to 5 inches across. 18 to 24 inches high, blooming freely from July until frost.

25c each; \$2.00 for 10.

SWEET WILLIAM (Dianthus Barbatus)

Well-known hardy plant. We offer a superb strain of mixed single and double-flowering sorts.

25c each; \$2.00 for 10.

Newport Pink. Salmon or watermelon pink flowers.

25c each; \$2.00 for 10.

TROLLIUS (Globe Flower)

Europaeus. Orange Globe. Desirable free-flowering plants producing their giant bright yellow, buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in a half shady position in well-drained soil.....50c each; \$4.50 for 10.

TUNICA (Coat Flower)

Saxifraga. A pretty tufted plant with light pink flowers, produced all summer. Useful either for the rockery or border.....25c each; \$2.00 for 10.

VALERIANA (Valerian)

Officinalis. (Hardy Garden Heliotrope.) Produces showy heads of rose-tinted white flowers during June and July with delicious, strong heliotrope odor.

35c each; \$3.00 for 10.

VERONICA (Speedwell)

Longifolia Subsessilis. A pretty species with blue flowers, produced on spikes a foot long, continuing in bloom the entire summer and fall.....35c each; \$3.00 for 10.

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers.

25c each; \$2.00 for 10.

VINCA MINOR

(Periwinkle or Trailing Myrtle)

Dwarf evergreen trailing plant, is used for carpeting the ground where it is too shady for other plants to thrive.

25c each; \$2.00 for 10.

VIOLA CORNUTA (Tufted Pansies)

These plants will remain in bloom from May to October, providing they are sheared several times during the season to prevent them going to seed. They are fine for edging the hardy border or garden. Mixed colors.

25c each; \$2.00 for 10.

YUCCA FILAMENTOSA

(Adams' Needle)

A hardy ornamental foliage and evergreen plant with long, narrow leaves that are bright green the whole year round. The flowers are white, produced on long spikes.

25c each; \$2.00 for 10.

ORNAMENTAL GRASSES

Eulalia Gracillima. (Japan Rush.) The most beautiful of all the Eulalias, with narrow, graceful foliage entirely green without variegation, except that the midrib is of a silver sheen.

Eulalia Japonica Variegata. Leaves striped white and green longitudinally.

Eulalia Zebrina. (Zebra Grass.) A peculiar variegated grass, growing 6 feet high. The variegation is unlike that of any other plant, being across the leaf in regular bands, dark green and light.....25c each; \$2.00 for 10.

When ordering Perennial Plants sent via Parcel Post, add 5c each or 15c per 10, for postage within Third Zone.

ROCK GARDEN PLANTS

A rock garden to be attractive must be as informal as possible. Success with a rock garden depends to a considerable extent upon the material used, the placing of the rocks should be as near to a natural atmosphere as possible. The plants used should be perennials, and range from creepers to plants at least twelve inches high. Plan and arrange the whole as close to a natural rock garden as possible.

Saxifraga Rosea. Rose; 12 inches.

Dianthus. (Maiden Pink.) Pink; 6 inches.

Phlox Amoena. Light pink; 6 inches.

Sedum Stoloniferum. Deep rose; 3 inches.

Sedum Kamtschaticum. Yellow; trailing.

Sedum Album. White; trailing.

Sempervivum. (Hen and Chickens.) Mixed; 1 to 2 inches.

Thymus. Lilac; 1 inch.

Campanula Rotundifolia. Blue; 8 inches.

Veronica. True blue; 8 inches.

Papaver Nudicaule. Salmon pink; 8 to 10 inches.

Phlox Subulata Rosea. Rose. Alba. White; 2 to 6 inches.

creeping.

We can furnish plants of all kinds and description for rock gardens. Write us on any varieties and we will be pleased to quote on any quantity.

We offer field grown clumps of the above at 25c each; \$2.50 per dozen.

ORNAMENTAL FLOWERING SHRUBS

Shrubs are as much a part of the garden as the lawn or flower borders, and a well arranged planting presents an attractive appearance throughout the entire year.

Our Shrubs are transplanted every two or three years and are furnished with plenty of fibrous roots and should not be compared to stock that is never moved from the cutting beds until sold.

We do not guarantee or replace plants, shrubs or trees at prices quoted.

ALMOND, Double Flowering. A desirable class of early flowering shrubs, erect slender branches, covered with small double pink flowers. 2 to 3 feet.

\$1.00 each; \$9.00 for 10.

ALTHEA. (Rose-of-Sharon.) Valuable on account of their late season of blooming, which is from August to October. Are also extensively used as hedge plants. 2 to 3 feet.

60c each; \$5.50 for 10.

Boule-De-Feu. Double red. 2 to 3 feet.

60c each; \$5.50 for 10.

Jeanne D'Arc. Double white. 2 to 3 feet.

60c each; \$5.50 for 10.

Lady Stanley. Double blush white, crimson center. 2 to 3 feet.

75c each; \$7.00 for 10.

Double Rose, White and Purple. 2 to 3 feet.

60c each; \$5.50 for 10.

BERBERIS THUNBERGI. (Japanese Barberry.) One of the most beautiful shrubs either for hedging or general purposes.

12 to 18 inches.....30c each; \$2.50 for 10.

18 to 24 inches.....40c each; \$3.50 for 10.

24 to 30 inches.....60c each; \$5.50 for 10.

BUDDLEYA. (Butterfly Shrub or Summer Lilac.) *Var.abilis Magnifica.* Flowers are the shape and color of lilacs. Flowers all season.....50c each; \$4.50 for 10.

CALICARPA Purpurea. Clusters of bright glossy, violet-purple berries are borne in September remaining on the plant until mid-winter.....75c each; \$7.00 for 10.

CALYCANTHUS FLORIDUS. (Sweet-scented Shrub.) Flowers fragrant, double and of a chocolate color. Blooms in April. 1½ to 2 feet.....60c each; \$5.50 for 10.

CERCIS CANADENSIS. (Judas Tree or Redbud.) All the branches and twigs are covered with a mass of small pink flowers early in the spring, before the leaves appear. 2 to 3 feet.....75c each; \$7.00 for 10.

CLETHRA ALNIFOLIA. (Sweet Pepperbush.) Dark green foliage and upright spikes of creamy white, fragrant flowers in August. 1½ to 2 feet.

75c each; \$7.00 for 10.

CORCHORUS. (Kerria.) *Globe Flower* or *Japanese Rose.* *Japonica.* Flowers bright yellow, large and showy. 1½ to 2 feet.....75c each; \$7.00 for 10.

CORNUS FLORIDA. (White Flowering Dogwood.) Flowers white and very showy. 2 to 3 feet.

\$1.00 each; \$9.00 for 10.

CORNUS FLORIDA RUBRA. (Red Flowering Dogwood.) The flowers are rich, rosy-red. 3 to 4 feet.....\$5.00 each.

CORNUS MAScula. (Cornelian Cherry.) Clusters of bright yellow flowers early in spring, which are followed by red berries. 2 to 3 feet.....75c each; \$7.00 for 10.

CRAB. (Bechtel's Double Flowering.) Trees are covered in early spring with large beautiful, double, fragrant flowers, resembling small roses of a delicate pink. 3 to 4 feet.....\$1.50 each.

DEUTZIA CRENATA FLORA PLENA. Flowers double white, tinged with pink. 2 to 3 feet.

60c each; \$5.50 for 10.

DEUTZIA GRACILIS. A dwarf bush, covered with spikes of pure white flowers in early summer. 12 to 18 inches.

45c each; \$4.00 for 10.

DEUTZIA LEMOINEI. Habit dwarf, flowers white. 1½ to 2 feet.....50c each; \$4.50 for 10.

DEUTZIA, PRIDE OF ROCHESTER. Large double white flowers, slightly tinted with rose. 2 to 3 feet.

50c each; \$4.50 for 10.

ELDER, GOLDEN. (Sambucus.) Golden yellow foliage. 3 to 4 feet.....60c each; \$5.50 for 10.

EXOCHORDA GRANDIFLORA. (Pearlbush.) The early buds look like pearls, opening up to long gleaming sprays of pure white. 1½ to 2 feet.....75c each; \$7.00 for 10.

FORSYTHIA SUSPENSa. (Weeping Goldenbell.) Willow growth and yellow flowers. 2 to 3 feet.

50c each; \$4.50 for 10.

FORSYTHIA VIRIDISSIMA. (Goldenbell.) Erect growth and spreading branches; flowers bright yellow. 2 to 3 feet.....50c each; \$4.50 for 10.

HYDRANGEA ARBORESCENS STERILIS. (Snowball Hydrangea.) Showy white bloom; will flower for fully three months; a very showy variety, excellent for borders. 18 to 24 inches.....50c each; \$5.50 for 10.

HYDRANGEA PANICULATA GRANDIFLORA. The flowers which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open but gradually change to rose and remain in good condition for weeks.

18 to 24 inches.....60c each; \$5.50 for 10.

2 to 3 feet.....75c each; \$7.00 for 10.

HYDRANGEA PANICULATA GRANDIFLORA, Standard or Tree-shaped Plants. These are four and five years old, trained to tree shape with about three feet of straight stem and nicely shaped heads. 4 to 5 feet.

\$2.00 each; \$19.00 for 10.

LILAC, Purple. (*Syringa Vulgaris*.) Purple flowers. **White.** (*Syringa Vulgaris Alba*.) White flowers. 3 to 4 feet.

65c each; \$6.00 for 10.

Prices of any of the following named Lilacs, fine plants, 2 to 3 feet.....\$1.00 each; \$9.00 for 10.

Charles X. Reddish purple flowers.

Michael Buchner. Double pale-lilac flowers.

Madame Lemoine. Double white flowers.

LONICERA. (Bush or Upright Honeysuckle.)

Morrowi. White flowers during May, followed by red fruit during the summer and autumn months. 2 to 3 feet.

60c each; \$5.50 for 10.

Tartarica. (Tartarian Honeysuckle.) Flowers red and white. Fruit red or orange. 2 to 3 feet.

60c each; \$5.50 for 10.

PHILADELPHUS or SYRINGA, Grandiflorus. (Large Flowered Mockorange.) Flowers are pure white and very large. 2 to 3 feet.....60c each; \$5.50 for 10.

PHILADELPHUS VIRGINAL. Produces an immense mass of beautiful white flowers and blooms all summer. 1½ to 2 feet.....75c each; \$7.00 for 10.

PRUNUS PISSARDI. (Purpleleaved Plum.) One of the best of the small red or purple leaved trees, holding much of its color through the summer. Flowers small and pinkish white.....75c each; \$7.00 for 10.

RHODOTYPOS, Kerrioides. (White Kerria.) Handsome foliage and large single flowers in the latter part of May, succeeded by numerous black berries. 2 to 3 feet.

65c each; \$6.00 for 10.

RHUS COTINUS. (Purple Fringe, or Smoketree.) A low, shrubby tree, covered in mid-summer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 3 to 4 feet.....\$1.50 each; \$12.50 for 10.

RHUS TYPHINA. (Staghorn Sumac.) This variety will thrive in dry soil, growing to a considerable height. Leaves are dark green, turning to scarlet, purple and orange in the fall. The crimson fruits remain on all Winter.....\$1.00 each; \$9.00 for 10.

ROBINIA HISPIDA, Rose Acacia. A very handsome shrub. The leaves are similar to those of the Locust. In June and July long panicles of rose colored flowers hang from the branches. 2 to 3 feet.....75c each; \$7.00 for 10.

SAMBUCUS, Aurea. (Golden Elder.) Attractive golden foliage and desirable to mix with other shrubs. 3 to 4 feet.....75c each; \$7.00 for 10.

SPIREA. A large group of showy, free-flowering, hardy shrubs.

Anthony Waterer. Makes nice, round bushes, 3 feet: beginning to bloom in summer, continuing until Fall. Rose red flowers in large, round clusters all over the bush. 12 to 18 inches.....50c each; \$4.50 for 10.

Billardi. Pink flowers in bloom early all summer. It is grand for planting in masses. 2 to 3 feet.

60c each; \$5.50 for 10.

Callosa Alba. A white flowering variety of dwarf, bushy, symmetrical form. Blooms all summer. 18 to 24 inches.

60c each; \$5.50 for 10.

Prunifolia fl. pl. (Old Bridalwreath.) Blooms in May, with pure white, double flowers. 2 to 3 feet.

75c each; \$7.00 for 10.

Reevesi fl. pl. Tall, with dark, bluish green foliage, and large, double, pure white flowers in May and June. 2 to 3 feet.....45c each; \$4.00 for 10.

Sorbofolia. (Ashleaf Spirea.) This shrub at maturity grows from 6 to 15 feet tall and its claim to recognition lies not alone in its perfect hardness, but the unique effect it offers with its delicate green foliage. Mountain Ash-like in form but fern-like in texture. Appearing early in the spring, the foliage is a distinct factor in the beauty of the shrub throughout the season. 2 to 3 feet.

75c each; \$7.00 for 10.



Forsythia



Deutzia



Honeysuckle

SPIREA—Cont.

Thunbergi. Of dwarf, graceful form. Branches slender and somewhat drooping; foliage narrow and yellowish green; flowers small, white, appearing early in spring. 2 to 3 feet. 60c each; \$5.50 for 10.

Vanhouttei. (Improved Bridalwreath.) This is without a doubt the most beautiful and useful of shrubs. Always effective if planted singly or in groups on lawn, in front of porch, in shrub borders or in a hedge. Handsome throughout the entire season, but when in flower it is a complete fountain of white bloom. Clusters of white florets are set close along the drooping stems. 2 to 3 feet. 35c each; \$3.00 for 10. 3 to 4 feet. 45c each; \$4.00 for 10.

SYMPHORICARPUS, Racemosus. (Snowberry.) Flowers white or pinkish, in loose racemes in summer. Berries white, produced in showy, profuse clusters, the branches bending under their weight. 2 to 3 feet. 60c each; \$5.50 for 10.

SYMPHORICARPUS, Vulgaris. (Coralberry or Indian Currant.) A grand shrub, producing a wealth of red or purplish berries, which remain on the branches all winter. Flowers greenish red in summer. Does well in shade. 2 to 3 feet. 50c each; \$4.50 for 10.

TAMARIX, Africana. (Tamarisk.) Strong, slender, tall growing, irregular shrubs, with feathery foliage and small delicate pink flowers in May. 2 to 3 feet. 60c each; \$5.50 for 10.

TAMARIX, Hispida Aestivalis. A graceful shrub with upright branches, flowers pink, appearing in July and August. 2 to 3 feet. 75c each; \$7.00 for 10.

VIBURNUM. (Snowballs and Highbush Cranberry.) The Viburnums are one of the most useful shrubs, being very hardy and of good habit. They all have white flowers mostly on flat heads and with a few exceptions are noted for their handsome clusters of berries.

Lantana. (Wayfaring Tree.) This is especially suitable for dry situations and limestone soil. The large, white flower

clusters open in May and June and are followed by red fruits, changing to black. 18 to 24 inches. 45c each; \$4.00 for 10.

Opulus. (Highbush Cranberry.) The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until late in winter. 18 to 24 inches. 60c each; \$5.50 for 10.

Opulus Sterilis. (Guelder Rose or Snowball.) Of spreading habit, bearing flat clusters of single white flowers, which afterwards produce brilliant red berries which hang to the plant all winter; very decorative. 2 to 3 feet. \$1.00 each; \$9.00 for 10.

Plicatum. (Japan Snowball.) One of the choicest hardy shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. 2 to 3 feet. \$1.25 each; \$11.50 for 10.

Tomentosum. (Single Japan Snowball.) A handsome shrub with beautiful, dark green leaves. Flowers white, borne in flat clusters in May. In autumn, foliage turns to a rich crimson. 18 to 24 inches. 75c each; \$7.00 for 10.

WEIGELIA. (Diervilla.) These shrubs bloom after the lilacs in June and July. Their large flowers are of wide trumpet-shape, colors from white to red, and borne in clusters thickly along the branches.

Candida. White flowering Weigelia, flowering throughout the summer. 2 to 3 feet. 60c each; \$5.50 for 10.

Eva Rathke. The finest Weigelia in cultivation. Flowers continuously throughout the summer and autumn; of an entirely distinct color, being a rich, ruby carmine. Should be in every garden. 2 to 3 feet. 75c each; \$7.00 for 10.

Rosea. A beautiful shrub, with rose-colored flowers in May and June. 2 to 3 feet. 60c each; \$5.50 for 10.

Rosea Nana Variegata. A neat dwarf shrub, valuable for the clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose and pink; one of the finest variegated-leaved shrubs. 2 to 3 feet. 75c each; \$7.00 for 10.

HARDY CLIMBING PLANTS

The need of vines for home improvement is well-known, and there is absolutely nothing that adds more to the beauty of the home than appropriate vines. A porch without a vine is desolate and incomplete.

Vines are exceptionally valuable for turning unsightly fences and buildings into things of beauty.

AKEBIA QUINATA (Akebia Vine)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants. 50c each; \$4.50 for 10.

Ampelopsis Veitchii. (Japan Creeper or Boston Ivy.) This vine undoubtedly stands higher in the estimation of the people than any other. The glossy green leaves turn to a brilliant orange-scarlet in the fall. 50c each; \$4.50 for 10.

Ampelopsis Quinquifolia. (Virginia Creeper.) For covering walls, verandas and trunks of trees. The leaves turn to bright scarlet and purple in the fall. The dark blue berries remain quite late. 50c each; \$4.50 for 10.

Aristolochia Sipho. (Dutchman's Pipe.) Bears brownish-colored flowers, resembling a pipe in shape. Has fine, large, green leaves. 75c each; \$7.00 for 10.

Bignonia Radicans. (Trumpet Creeper.) Should be grown on posts, stumps, etc. Flowers trumpet-shaped, bright scarlet. 45c each; \$4.00 for 10.

Celastrus Scandens. (Climbing Bitter Sweet.) Hardy ornamental vine with yellow flowers, followed in the autumn with yellow fruit about one-half inch in diameter. 60c each; \$5.50 for 10.

Euonymus Radicans. This vine is adapted for covering low foundation walls. Has deep evergreen foliage and is hardy. 35c each; \$3.00 for 10.

LATHYRUS. (Hardy Everlasting Pea.) One of the best and most desirable flowering hardy climbing plants, attractive both in flowers and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rosy-red.

Albus. Pure white. 30c each; \$2.50 for 10.

CLEMATIS (Small Flowering)

Paniculata. This Clematis is by far the most popular of all the species in American gardens. It is extremely showy when covered with the small, white fragrant flowers which appear late in the season. 50c each; \$4.50 for 10.

CLEMATIS (Large Flowering)

Henryi. This is a robust plant, free bloomer, flowers creamy white, becoming fully expanded when grown in the sun. It blooms through August and September....\$1.00 each.

Jackmani. One of the best known of all the Clematis. The velvety-purple flowers, when expanded, are 4 to 6 inches across, very velvety and distinctly veined.
\$1.00 each.

Mme. Ed. Andre. This is the nearest approach to a bright red Clematis. It is a very free bloomer and very satisfactory.....\$1.00 each.

We send out strong, healthy roots of Clematis and cannot entertain any claims for non-success with these plants.

HONEYSUCKLES

Monthly Fragrant or Dutch. Blooms all summer.
50c each; \$4.50 for 10.

Halleana. (Hall's Japan Evergreen Honeysuckle.) The flowers are white, turning to yellow, and are very fragrant.....50c each; \$4.50 for 10.

Ivy, English. An invaluable evergreen variety, used for covering walls, etc.; has become very popular for covering graves, especially if in the shade, where grass will not succeed.....50c each; \$4.50 for 10.

Kudzu Vine. (Jack-and-the-Beanstalk.) A rapid growing hardy vine. Bears small racemes of rosy-purple, pea-shaped blossoms towards the end of August.
40c each; \$3.50 for 10.

Matrimony Vine. The branches may be trained over fences or trellises.....25c each; \$2.00 for 10.

Polygonum Auberti. (Silver Lacevine.) One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers, and a well-established plant during its long flowering period is a mass of bloom. We have received numerous expressions of praise from our customers regarding this vine....75c each; \$7.00 for 10.

Vitis Heterophylla Variegata. Dark green foliage, variegated white and pink.....30c to \$1.00 each.

Wistaria, Chinese Purple. Has pale green pinnate leaves and bears profusely dense drooping clusters of purplish pea-shaped flowers. It blooms in May and usually gives a



Clematis
Jackmani

smaller crop of blooms in August to September. They should be liberally fed when first planted to give them a vigorous start.....75c each; \$7.00 for 10.
Wistaria, Chinese White. Similar habit with white flowers.
75c each; \$7.00 for 10.

TENDER CLIMBING PLANTS

Moon Flower Plants......25c each.

By mail, add 5c each; 50c for 10 for postage.

Madeira Vine. Strong tubers...5c each; by mail 50c for 10.

EVERGREEN TREES**ARBORVITAE AMERICAN**
(Thuja Occidentalis)

They are very quick growers and may be trimmed to any desired height. Fine for hedges.

2 to 3 feet.....\$2.50 each.
3 to 4 feet.....\$3.50 each.

ARBORVITAE PYRAMIDALIS
(Thuja Occidentalis Pyramidalis)

Suitable for tubs and forms a tall, slender column of densely branched, dark green foliage. A very graceful tree, having a number of uses.

2 to 3 feet.....\$3.50 each.
3 to 4 feet.....\$5.00 each.

ARBORVITAE GLOBE
(Thuja Occidentalis Globoso)

A dense, dark green form of the Arborvitae, growing naturally in globe form. Dwarf habit.

1 to 1½ feet....\$2.00 each.

IRISH JUNIPER

(Juniperus Hibernica)

A narrow, columnar form, with upright branches, deep green tips of branchlets erect.

2 to 3 feet.....\$3.50 each.
4 to 5 feet.....\$5.00 each.



Arborvitae Globe

SAVIN JUNIPER

A low branching Evergreen not over three feet, but sometimes making a large size in old plants. The dense spreading branches are thickly covered with short tufted foliage.

18 to 24 inches.....\$4.00 each.
24 to 36 inches.....\$5.00 each.

JUNIPER
PFITZERIANA

These Evergreens rank as one of our most important Evergreens of today. It succeeds in exposed locations and does remarkably well in shade. The foliage is an attractive greenish blue. The habit of growth is low spreading, and forming a very irregular growth.

15 to 18 inches,
\$3.00 each.
18 to 24 inches,
\$3.50 each.



Juniper Pfitzeriana

AUSTRIAN PINE (Pinus Austriaca)

This species is very popular for grouping or as specimens.

2 to 3 feet.....\$3.50 each.

SCOTCH PINE (Pinus Sylvestris)

This grows to be a large tree, 70 to 120 feet in height; quite hardy. 2 to 3 feet.....\$2.75 each.

WHITE PINE (Pinus Strobus)

A valuable, ornamental, hardy pine, of rapid growth. 2 to 3 feet.....\$3.50 each.

DWARF MUGHO PINE (Mughus)

This Pine is very valuable in habit, with dark brown branches, bright green leaves, stout and acutish. The tree is broader than it is high, forming a dark, dome-shaped bush.

12 to 18 inches.....\$3.00 each.

NORWAY SPRUCE (Picea Excelsa)

This tree is extensively planted in many of the States. It is of rapid growth, with graceful habits and dark green foliage. It is one of the best conifers to plant for shelter and windbreaks.

1½ to 2 feet.....\$1.50 each.
2 to 3 feet.....\$2.75 each.
3 to 4 feet.....\$3.50 each.

FRUIT TREES

APPLES—STANDARD

5 to 7 feet high.....75c each; \$7.00 for 10.

Summer Varieties

Early Harvest. Pale yellow, fine flavor; August.
Red Astrachan. Large, crimson, juicy, with rich sub-acid flavor; hardy; July.
Yellow Transparent. Pale yellow; good quality.

Autumn Varieties

Delicious. Large, dark red, juicy, aromatic.
Duchess of Oldenburg or Duchess. Large, rounded, yellow, striped red, tender, juicy.
Fall Rambo. Yellow, streaked with red.
Maiden's Blush. Large, beautiful blush cheek.

Winter Varieties

Baldwin. Large, dark red; productive.
Banana. Large, golden yellow, shaded crimson.
Ensee. Bright red in color and a splendid keeper.
Grimes Golden. Medium to large, skin golden yellow, flesh crisp, tender, juicy; long keeper.
Jonathan. Medium, red and yellow, flesh tender, juicy.
Northern Spy. Large, striped red; good keeper.
Rome Beauty. Large, yellow, shaded red, tender.
Stayman's Winesap. Fruit medium size, mostly covered with red on a yellow ground; flesh fine, crisp, juicy.
Winesap. Medium, deep red, rich, sub-acid.
York Imperial. Medium, yellow, shaded red, firm, juicy, sub-acid; an excellent shipping apple.

QUINCES

3 to 5 feet high.....\$1.00 each.
Apple or Orange. Large, bright golden yellow, fine quality; flesh firm, cooks tender; October.

CHERRIES

Heart and Bigarreau (Sweet)

4 to 6 feet, first class.....\$1.00 each; \$9.00 for 10.
Black Tartarian. Very large, purplish-black, juicy rich, excellent, productive; last of June.
Governor Wood. Large, light red, juicy, rich, delicious; tree healthy and productive; June.
Yellow Spanish. Large, pale yellow with light red cheek; late June.

Small Fruits, Grape-Vines, Etc.

If not prepared to plant, when your stock arrives, "heel in" by digging a trench deep enough to admit all the roots and setting the trees therein, carefully pack the earth about the roots, taking up when required. Never leave the roots exposed to the sun and air.

Sent by Express at Expense of Purchaser

BLACKBERRIES

75c for 10; \$5.00 per 100.

Ancient Briton. Large fruit, stems loaded with good sized berries of fine quality; vigorous grower, one of the best.
Eldorado. Large fruit, borne in large clusters and ripen well together, fine quality; good keeper.
Mersereau. Extremely hardy, berries large, extra quality, sweet, rich and melting without core; good keeper and shipper; vigorous grower.
Taylor. Medium-sized fruit of fine flavor, extremely hardy and very productive; ripens late.

CURRANTS

Two-year-old Plants

Cherry. Large, bright red berries, with a thin skin and fine flavor.....30c each; \$2.50 for 10.
Perfection. A new red variety which promises to eclipse all other sorts, combining size, color, high quality and productivity.....40c each; \$3.50 for 10.
White Grape. Best white variety.....30c each; \$2.50 for 10.

DEWBERRY

Lucretia. One of the low-growing, trailing blackberries.
\$1.00 for 10; \$6.00 for 100.

GOOSEBERRIES

Two-year-old Plants

Downing. Large, pale green, and of splendid quality for both cooking and table use.....30c each; \$2.50 for 10.
Houghton's. Small to medium; roundish, oval, pale red, sweet, tender.....25c each; \$2.00 for 10.

Duke and Morello (Sour)

4 to 6 feet, first class.....\$1.00 each; \$9.00 for 10.
Dyehouse. A very early and sure bearer; ripens a week before Early Richmond; fine quality; June.
Early Richmond. Medium, dark red, fine quality.
English Morello. Dark red, rich, acid, juicy, and good. Late July.

PEACHES

4 to 5 feet.....60c each; \$5.00 for 10.
Champion. Creamy white with red cheeks, freestone, excellent quality; early in August.
Crawford's Early. Large, yellow, of good quality, freestone; early in September.
Crawford's Late. Large, yellow with red cheeks, freestone; last of September.
Elberta. Large, yellow with red cheek, flesh yellow, firm, juicy, of high quality; very prolific; September.
Heath Cling. Large, flesh white, juicy and melting; Oct.
J. H. Hale. Deep golden yellow overlaid with bright carmine. Large size and productive.
Old Mixon Free. Large, yellow with red cheek; September.

PEARS—STANDARD

5 to 7 feet, first class.....\$1.00 each; \$9.00 for 10.
Bartlett. Large, clear yellow, juicy, August.
Flemish Beauty. Fruit is large, skin pale yellow, flavor sweet and melting; September and October.
Kiefer's Hybrid. Large, rich color and good quality.
Seckel. Small, yellowish brown; one of the best.

PLUMS

Standard on Plum Stocks

5 to 7 feet.....\$1.00 each; \$9.00 for 10.
Abundance. Large, yellow with heavy bloom, good quality; very prolific.
Burbank. The largest and best variety; color red; excellent quality; hardy and vigorous grower.
Red June. Large, red, fine quality; strong, vigorous grower; finest extra early plum.
Shipper's Pride. Large, purple, fine, juicy and sweet.
Yellow Egg. A beautiful yellow, egg-shaped plum of large size, flesh yellow; late August.

Industry. Berries of largest size, excellent flavor, pleasant and rich, dark red color when fully ripe; strong upright grower; an immense cropper.....25c each; \$2.00 for 10.
Smith's Improved. Large, pale, greenish yellow, skin thin, of excellent quality.....25c each; \$2.00 for 10.

GRAPE-VINES

All Two-year-old Selected Stock

Grape-Vines will grow almost anywhere, but they should be carefully cultivated and pruned.

Black or Purple Grapes

*Concord. Large, black grape, hardy and productive; juicy and sweet.....15c each; \$1.25 for 10.
Ives' Seedling. Dark purple, sweet.....20c each; \$1.50 for 10.
Moore's Early. Ripens ten days earlier than Concord; bunch and berry round and large. 20c each; \$1.50 for 10.

Red Grapes

*Catawba. Berries large, round; when ripe a dark copper color, sweet, rich.....30c each; \$2.50 for 10.
Delaware. Small, light red, thin skin; very juicy, sweet, sprightly.....30c each; \$2.50 for 10.

White or Yellow Grapes

*Niagara. Bunch and berries large, light greenish white, slightly ambered.....20c each; \$1.50 for 10.
Pocklington. Bunch and berry very large; attractive, golden yellow color.....25c each; \$2.00 for 10.
Varieties marked with a * are best for arbors.

RASPBERRIES

The following varieties are all 75c for 10, \$4.50 per 100. **Cardinal.** Produces a fine quality of dark red or almost purple berries through a long season.

Cumberland. The largest black cap; a healthy, vigorous grower; very productive.

Cuthbert. Large, firm, deep rich crimson, of excellent quality, tall, strong and vigorous.

St. Regis. The berries are a bright crimson, of large size and surpassing quality—rich, sugary with full raspberry flavor.

STRAWBERRIES

Strawberries will do well in any soil that will grow good corn. Soil should be made fine and loose. A generous supply of well rotted manure incorporated in the soil is of great benefit.

Everbearing Strawberry

Mastodon. Has no equal as to quality, productiveness, and hardness of plants. Quality of the fruit is of the very best. Size much larger than any other fall-bearing variety.

60c for 10; \$2.50 for 100.
The following varieties are all 25 for 50c; \$1.25 for 100. **Aroma.** One of the finest for long-distance shipping. The large berries are bright red to the center, of conical shape with prominent and attractive yellow seeds.

Gandy. One of the best late varieties. Berries large, of fine form and excellent quality.

Glen Mary. Large to very large, sometimes flattened; sweet, rich, delightful.

Senator Dunlap. Exceedingly vigorous. Fruit large; regular and attractive in form, deep red to the center; firm in abundance.

SUITABLE DISTANCES FOR PLANTING SMALL FRUITS AND GRAPE-VINES

Blackberries, 5 to 7 feet.

Currants, 3 to 4 feet.

Gooseberries, 3 to 4 feet.

Raspberries, black, 4 to 5 feet.

Strawberries, 1½ x 3½ feet.

Strawberries, in beds, 1½ x 1½ feet.

Raspberries, red, 3 to 4 feet.

Grapes, 8 to 10 feet.

We do not guarantee or replace Plants, Shrubs or Trees at prices quoted

TREES, SHADE AND ORNAMENTAL**FOR LAWN, STREET AND FOREST PLANTING**

ASH, American White. A handsome, hardy, broad-headed tree. 8 to 10 feet. \$2.00 each.

CATALPA SPECIOSA. A handsome, rapid growing tree. 6 to 8 feet. \$1.50 each.

CATALPA BUNGEI. (Umbrella Catalpa.) 6 to 7 feet. 1 year heads \$2.00 each; 2 year heads \$3.00 each.

ELM, American. A hardy, rapid grower; resists drought and is long lived. 6 to 8 feet. \$1.50 each.

LINDEN, European. This is probably the largest leaved Linden. 6 to 8 feet. \$3.00 each.

MAGNOLIA, Glauca. (Sweet Bay.) White, very fragrant, flowers about 3 inches in diameter. Blooms in May and June. 2 to 3 feet. \$3.75 each.

MAGNOLIA, Purpurea. Large fragrant, tulip-shaped flowers, purple outside, white within. April. 2 to 3 feet. \$12.00 each.

MAGNOLIA, Soulangeana. Large flowers like the M. Glauca, but with purple-tinted petals. 2 to 3 feet. May and June. \$10.00 each.

MAPLE, Norway. A large, handsome tree with a compact rounded head of spreading branches. 8 to 10 feet. \$3.75 each.

MAPLE, Rock or Sugar. An excellent shade tree of upright, dense growth. Grows to a large size and is long lived. 8 to 10 feet. \$3.00 each.

MAPLE, Silver or Soft. Has wide, slender, spreading branches and thrives almost anywhere. 8 to 10 feet \$2.00 each; 10 to 12 feet \$2.25 each.

MOUNTAIN ASH, European. A hardy tree; head dense and regular, beautiful fern-like foliage; covered from July till winter with clusters of bright red berries. 6 to 8 feet. \$2.00 each.

OAK, Red. A tree of rapid growth, growing into a large, majestic tree, the foliage turning dark red in fall. 4 to 6 feet. \$2.25 each.

OAK, Scarlet. A noble tree with spreading branches; leaves turn scarlet in fall. 6 to 8 feet. \$3.00 each.

OAK, Pin. Tree is fibrous rooted, transplants well and grows rapidly. Foliage turns bright red in fall. 6 to 8 feet. \$2.25 each.

PEACH, Flowering, Red and White. At its blooming time in May every twig and branch is bright with beautiful formed flowers. 3 to 4 feet. \$1.25 each.

POPLAR, Carolina. One of the surest and most rapid growing trees. 8 to 10 feet. \$1.50 each.

POPLAR, Lombardy. With age this tree becomes picturesque. 8 to 10 feet \$1.25 each; 10 to 12 feet \$1.50 each.

SYCAMORE, Plantanus Orientalis. (Oriental Plane.) Very hardy and does well in moist places. Thrives in smoky cities, making it a good tree for city planting. 6 to 8 feet. \$1.50 each.

TULIP TREE. (Liriodendron Tulipifera.) Tall, hardy tree of pyramidal habit and rapid growth. Bears flowers of a creamy-yellow and orange color in June. 6 to 8 feet. \$2.25 each.

WATER LILIES

Nothing equals a water lily pool for giving interest and distinction to the garden. A natural pond is not required, in fact an artificial one is better, as it can be better kept to the same level. And a natural pond is likely to be fed by a cold spring which is injurious to many of the water lily plants. It should have full sunlight; a water lily pond under the shade of trees will be a disappointment if you want the plants to bloom. Plant the water lilies in boxes or tubs, they will do better and can be better handled. A box two feet square, or diameter, is as small as you can have for the plants to do well; this should be about ten inches deep, but a larger box is better. The soil should be a heavy loam, or a clay will do, mixed with one-third to even one-half well-rotted cow manure and a little bone meal.

Goldfish are an essential adjunct of the lily pond, both as an ornament and to eat up some of the insect life. People will ask, what do you do with them in winter time? Do nothing. If the pond does not freeze to the bottom they will take care of themselves and go to sleep in the mud; they can not be seen, but a few warm sunny days will bring them into view again.

Aurora. Flowers are rosy yellow on the first day, red-orange on the second and deep red on the third day. The stamens are orange-red and the leaves are mottled with brownish red. \$2.00 each.

Chromatella. The clear, rich yellow of Chromatella makes it by far the best yellow variety grown. The broad petals are canary yellow, the stamens are of a deeper shade and altogether, this combination displayed among the leaves beautifully marbled in deep green and brown, make it a picture indeed. Fortunately the Chromatella propagates rapidly so that it continues to remain a moderate priced Nymphaea and the basis of several fine collections. \$2.00 each.

Gladstone. The king of the whites, surpassing all other white Nymphaeas in size and freedom of bloom. The flower is a pure dazzling white 6 to 8 inches across, fairly sparkling in pure brilliancy. Petals are broad and concave in pleasing contrast to the sulphur yellow of the stamens. \$1.50 each.

Gloriosa. A truly remarkable red, giving such universal satisfaction that we recommend it as the basis of every collection. It will thrive under extreme conditions. Is thoroughly at home in pool or lake, and its characteristic small leaf-spread and large blossoms make it an ideal plant for tub culture. The floating blossoms of apple blossom fragrance are often 6 to 7 inches across, perfect

in form, and rather double. The color deepens on successive days and the bright carmine of spring-time becomes a dark currant-red later in the season. The excellent qualities persist in the cut flowers which continue to open for five days when floated in bowls. This attractive feature of Water Lilies is often overlooked, though cutting the blooms stimulates their production just as it does in the case of many other plants. Gloriosa, without a doubt, sets a standard among hardy lilies. This brief description does not do justice to its superior excellence. According to many of our customers it "blooms and blooms, and is just lovely.".....\$5.00 each.

James Brydon. A superb variety, being a free-grower with rosy crimson flowers 4 to 5 inches in diameter. \$3.00 each.

Marliacea Rosea. Flowers large, deep rose color, young leaves purplish-red, changing to deep green. A free and continuous bloomer.....\$2.00 each.

Odorata. This is the fragrant Pond Lily of the United

States; flowers white, 3 to 5 inches in diameter, stamens yellow, leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds.....30c each; \$2.50 for 10.

Tuberosa Rosea. Flowers an exquisite shade of pink, standing above the water. A good vigorous grower, without being rank; a free bloomer.....\$1.00 each.

Tuberosa Richardsoni. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the center. The flowers stand well above the water, the sepals and outer petals drooping, forming immense snowball-like flowers. 8 inches in diameter.

\$1.00 each.

Water Lily Roots should be sent via express; if wanted by mail at purchaser's risk, remit 5c each, or 30c for 10. Climbing Plants should go via express; if wanted by parcel post, add 5c each, or 30c for 10 for postage. Ready for delivery about the middle of May, weather permitting.

SUMMER FLOWERING PLANTS AND BULBS

These are all well-grown plants. Grown in pots large enough to develop them properly. They will be forwarded in paper pots, so as to protect the roots. As a rule the plants will be in bloom or showing color.

We urge customers to have their plants forwarded via express. We make no charge for packing.

AGERATUM (Floss Flower)

One of the very best bedding plants, with bright blue flowers; compact growth; fine bedder.

25c each; \$2.00 for 10.

ASTERS

They should have an open, sunny position, and prefer a good, heavy loamy soil, enriched with a liberal quantity of thoroughly rotted manure.....10c each; 90c for 10.

BEGONIA VERNON

Deep red flowers and bronzy-red foliage.

25c each; \$2.00 for 10.

CALENDULA (Pot Marigold)

Showy free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, continuing in bloom from early summer until killed by frost.....25c each; \$2.00 for 10.

CANNA PLANTS

The Canna Plants we offer are grown by our specialist and are widely and favorably known. Strong, healthy plants from 4 inch pots.

David Harum. Brilliant scarlet flowers; dark foliage. 3 feet.

Gladiator. Deep yellow flowers, freely dotted with red. Green foliage. 4½ feet.

King Humbert. Dark foliage, scarlet flowers. 5 to 6 feet.

Mary Wallace. A rich, soft, crimson pink, flowers of large size, freely produced in great trusses on rigid, upright stalks. Green foliage. 3½ feet.

Mrs. A. F. Conard. Salmon-pink flowers of large size. Green foliage. 4 feet.

Mrs. Kate Gray. Rich orange scarlet, overlaid with gold; flowers large, with immense trusses, foliage bright glossy green; one of the best. 5 feet.

The President. Flowers of immense size, of a rich glowing scarlet produced on strong erect stalks. Green foliage. 3 feet.

Yellow Humbert. Yellow flowers. Green foliage. 5 to 5½ feet.

Wyoming. Orange-scarlet flowers. Dark foliage. 5 to 5½ feet.

All the above varieties, 25c each; 10 for \$2.00; 25 for \$4.50; 50 for \$8.75; 100 for \$17.00.

COLEUS

Popular bedding plants with beautifully colored foliage. We can supply them in four colors. 20c each; \$1.50 for 10.

GERANIUMS

Will always remain a popular bedding plant. We offer the four best varieties.

Namoi. Double pink.

Sheridan. Single red.

S. A. Nutt. Double scarlet.

25c each; \$2.00 for 10. 4 inch pots.

Beaute Poitevine. Finest salmon-pink.

35c each; \$3.00 for 10. 4 inch pots.

HELIOTROPE (Cherry Pie)

Blooms during the whole season; its delightful perfume makes it a desirable bouquet flower; a fine bedding plant.

35c each; \$3.00 for 10.

LANTANA

One of the most desirable bedding plants, constantly in bloom. A dwarf variety for bordering beds; color of bloom, orange-yellow.....25c each; \$2.00 for 10.

MIGNONETTE

A well-known favorite. No garden is complete without a bed of Mignonette.....35c each; \$3.00 for 10.

PANSIES

Choice Mixed. This strain is one of great excellence, the individual flowers being superb and include many fine shades in a number of colorings....15c each; \$1.00 for 10.

VINCA

(Madagascar Periwinkle or Old Maid)

Ornamental, free-blooming plants and one of the most satisfactory flowering bedding plants we have, blooming until frost.

Rosea. Rose, dark eye.

Alba Rosea. White, crimson eye.

Alba Pura. Pure white.

20c each; \$1.50 for 10.

PETUNIA

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. Easily cultivated, only requiring a good soil and sunny position.

Howard's Star. A beautiful free-flowering strain, crimson-maroon with a clearly defined five-pointed star of bluish white.

Rosy Morn. Carmine-pink with white throat.

Single Bedding Varieties, Mixed Colors.

All the above, 25c each; \$2.00 for 10.

BALCONY PETUNIAS

A splendid free-flowering type, for bedding, window boxes, vases and hanging baskets.

Balcony Blue. Rich velvety violet.

Balcony Rose. Brilliant rose-pink, very effective.

Balcony White. Pure white flowers, large and borne abundantly until frost....All the above, 25c each; \$2.00 for 10.

Large Double Mixed. Choice strains of fine colors and large flowers.....25c each; \$2.00 for 10.

SALVIA (Flowering Sage)

Splendens. (Scarlet Sage.) One of the finest summer and fall plants with magnificent brilliant scarlet flowers.

Small plants, 15c each; \$1.00 for 10.

Large Plants, 20c each; \$1.50 for 10.

VERBENAS

They will make a lavish and showy display of flowers until frost.

Fine Mixed. A very satisfactory assortment, containing many fine colors and shades.....15c each; \$1.00 for 10.

TRAILING PLANTS

For Window Boxes, Hanging Baskets and Vases Ready for Delivery After May 10th.

Asparagus Plumosus Nanus. (Asparagus Fern.) This graceful climbing Asparagus has fine foliage, and will last for weeks after being cut. It is an excellent house plant. 25c each; \$2.00 for 10.

Asparagus Sprengeri. (Emerald Feather.) One of the best plants to grow in baskets, for greenhouse or for outdoors in the summer. The fronds frequently grow 4 feet long, and are now considered indispensable in all fine decorations.....25c each; \$2.00 for 10.

Ice Plant. This plant is largely used for hanging baskets, window boxes and vases. In addition to its trailing habit it produces pretty pink flowers and the plant is furnished with leaves of a fleshy texture. They should be largely used as they present a very striking appearance when in bloom.....35c each; \$2.50 for 10.

Thunbergia. (Black-Eyed Susan.) Beautiful rapid-growing climbers, preferring a warm, sunny situation; used extensively in hanging baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc.; with dark eyes; mixed colors.....25c each; \$2.00 for 10.

Tradescantia. (Wandering Jew.) We have two varieties of this, Vittata and Aquatica. The Vittata is the white striped variety and the Aquatica has darker foliage. Both of these are largely used as house plants and require a very moist situation.....25c each; \$2.00 for 10.

Trailing Coleus. This is a very desirable plant and largely used in window boxes, hanging baskets and vases. In appearance it resembles the Coleus but has the trailing habit.....25c each; \$2.00 for 10.

Trailing Lobelia. (Lobelia Erinus.) This is a beautiful trailing plant with blue flowers. The foliage is a very dark green. It should be in all collections of trailing plants.....25c each; \$2.00 for 10.

Vinca Vines. (Trailing Vinca.) Largely used and is a well-known vine for hanging baskets, window boxes and vases, with bright green foliage striped with white. 25c each; \$2.00 for 10.

Water Ivy. This is another trailing plant with bright attractive foliage, used in connection with the Trailing Vinca which makes a very effective display. 25c each; \$2.00 for 10.

AMARYLLIS

Equestris. Flowers scarlet with broad, white stripes, extending from the throat to half-way up the segments. 25c each; \$2.50 per doz.

Rosea. (Zephyranthus.) Flowers all summer. Small, delicate pink.....15c each; \$1.50 per doz.

Johnsoni. Large flower, crimson-scarlet striped with white. 50c each; \$5.00 per doz.

Giant American Hybrids. The flowers are exceedingly rich in colors and markings, spikes are usually from two to three feet in height, bearing from three to five enormous trumpet-shaped flowers.....50c each; \$5.00 per doz.

CALADIUM ESCULENTUM

Small bulbs.....8c each; 85c per doz. By mail, 10c each.

Large Bulbs.....12c each; \$1.25 per doz. By mail, 15c each.

Extra Large Bulbs. 20c each; \$2.00 per doz. By mail, 25c each.

Selected extra large. 30c each; \$3.00 per doz. By mail, 35c each.

BEGONIAS, HARDY

Exceedingly useful plants for the garden; good for shady places. Lustrous bronze-green foliage with small pink flowers.....25c each; \$2.50 per doz.

BEGONIAS, TUBEROUS-ROOTED

Double Flowering Varieties

Double. Crimson, rose, scarlet, white and yellow, in separate colors.....30c each; \$3.25 per doz.; \$22.50 per 100.

Double, Mixed......25c each; \$2.75 per doz.; \$20.00 per 100.

Single Flowering Varieties

Single. Crimson, rose, scarlet, white and yellow, in separate colors.....25c each; \$2.75 per doz.; \$20.00 per 100.

Single, Mixed......20c each; \$2.25 per doz.; \$17.00 per 100.

CANNAS, NAMED VARIETIES

Canary Bird. Pure Canary yellow flowers; borne on very healthy rich green foliage. 4 feet.

City of Portland. The flowers are of the largest size, borne on heavy trusses. Color a glowing shade of pink, foliage rich green color. 3½ feet.

David Harum. Brilliant scarlet, dark foliage; 3 feet.

Eureka. The best white Canna; the large flowers are freely produced on strong vigorous plants; 4 feet.

Gaiety. Orange, mottled with carmine and edged with yellow. The tongue is yellow and densely spotted with carmine; 5 feet.

Golden Gate. The flowers open almost pure gold but soon become richly rayed with orange crimson and apricot centering to the throat; 4 feet.

Gladiator. Deep yellow freely dotted with red; green foliage; 4½ feet.

Humbert. The flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich, coppery-bronze; 4 to 5 feet.

Hungaria. Large flowers, borne in trusses of immense size. Color a pure La France pink with satiny sheen. The most popular pink; green foliage; 3½ feet.

President. Flowers of immense size of a rich, glowing scarlet produced on strong, erect stalks well above the green foliage; 3½ feet.

Rosea Gigantea. Large flowers, borne in such abundance that the mass of color is amazing. A deep, rich rose, almost a coral-carmine; green foliage; 4 feet.

Yellow Humbert. Has the same habit of growth as the Humbert. Has green foliage and produces yellow flowers, dotted with red; 4 to 5 feet.....By mail, 90c doz.

All the above varieties, 10c each; 3 for 25c; 75c per doz.

Mixed Varieties. Dormant roots. 8c each; 60c per doz. By mail, 75c per doz.

CANNA PLANTS

See Page 28.

CALLA, SPOTTED

Goden Yellow. (Richardia Elliottiana.) This is the best of the yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots.....30c each; \$3.00 per doz.

HYACINTHUS CANDICANS

(Cape Hyacinth)

A white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers.....20c each; \$2.00 per doz.

MADEIRA, or Mignonette Vine

A rapid-growing vine, covering a large space in a short time. Fleshly, heart-shaped leaves of a light green and numerous racemes of feathery flowers of delicious fragrance.....5c each; 40c per doz.; \$3.00 per 100.

DAHLIAS

Decorative Dahlias

In the following varieties some will be found with flat petals reflexed, while others will be curiously twisted and incurved.

Jean Kerr. This is the most valuable of all white Decorative Dahlias. The medium-sized blooms are carried on long, strong stems well above the foliage. Blooms very early and exceedingly free.....40c each.

Jean Chazot. 5 feet high; golden bronze with nasturtium red suffusion.....40c each.

Jersey Beauty. 6 feet; a fine large full pink.....50c each.

Mrs. I. De Ver Warner. Artistic, well-shaped flowers of immense size. A superb shade of mauve-pink. The plants make a strong upright growth and bloom profusely. 50c each.

Millionaire. Lavender pink, tinting to white at center. 75c each.

Paul Michael. One of the sensational large exhibition flowers that always attracts attention, petals quilled at base, curled and twisted, color pure gold, shaded orange-buff at centre, very free-flowering.....50c each.

Pride of California. A brilliant, glowing cardinal-red, of good size, very free and wonderful keeper as a cut flower, the best of its color.....40c each.

Queen of Whites. Beautiful large white.....60c each.

Venus. A pleasing shade of creamy white with a charming suffusion of lavender. Large and well-formed flowers of great appeal.....50c each.

Collection of Twelve Dahlias. Our selection of varieties. All colors included.....\$6.00.

DAHLIAS—(Continued)

- Barbara Redfern.** The color a beautiful blending of old rose and old gold. The large blooms are held on strong, stiff stems on a tall, vigorous bush.....75c.
- Eldorado.** Luxuriant velvety foliage; old gold handsomely ribbed and blotched very dark garnet.....50c.
- Jane Cowl.** A striking dahlia presenting a blend of bronze, buff, and brilliant gold. Massive, well shaped, and huge.....\$1.25.
- Mrs. Carl Salbach.** Color, lilac rose shading to white at base of petals, blended soft rose; ideal growth and stem.....30c.
- Queen of the Garden Beautiful.** An enormous flower of a rich, deep yellow color, profuse bloomer.....\$1.00.

POMPON AND SHOW DAHLIAS

- Maude Adams.** Flowers white, overlaid with soft pink. Very early and free bloomer.....40c each.
- Amber Queen.** Rich amber, profuse bloomer.....25c.
- Crimson Queen.** Deep crimson shaded purple.....25c.
- Little Beauty.** Delicate shrimp pink.....25c.
- Pompon, Mixed**.....25c.

GLADIOLUS

If wanted by mail, add 5c per doz. for postage. Single bulbs mailed without additional charge.

- Gladioli in quantity by Parcel Post.** If to be sent by this means, estimate postage at rate of 8 lbs. per 100 bulbs.
- Alice Tiplady.** Large flower; beautiful orange-saffron color; choice.....6c each; 35c per doz.; \$2.50 per 100.
- America.** One of the finest varieties for cutting or bedding; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect.....6c each; 35c per doz.; \$2.50 per 100.
- Anna Eberius.** Rhodamine purple with pansy purple blotch in throat.....6c each; 45c per doz.; \$3.00 per 100.
- Dr. F. E. Bennett.** Peach red, overlaid with flame scarlet, throat specked ruby and creamy white.....8c each; 80c per doz.; \$6.50 per 100.
- Crimson Glow.** Glowing crimson-scarlet, massive spikes and flowers of large size.....6c each; 45c per doz.; \$3.00 per 100.
- Early Sunrise.** Bright salmon-scarlet color with pencil stripe of cream through center of each petal.....8c each; 80c per doz.; \$6.50 per 100.
- E. J. Shaylor.** Splendid deep rose pink; one of Kunderd's best ruffled varieties; good cut-flower.....6c each; 40c per doz.; \$3.00 per 100.
- Miss Helen Franklin.** White with purple throat blotched; ruffled.....6c each; 40c per doz.; \$3.00 per 100.
- Golden Measure.** Pure golden yellow; very large flowers of good substance; robust grower and considered the best yellow on the market; a superglad.....8c each; 80c per doz.; \$6.50 per 100.
- Giant Nymph.** Light rose pink, with creamy yellow throat; very large, wide open flowers, well arranged on long stems; grows 6 feet tall.....8c each; 75c per doz.; \$6.00 per 100.
- Halley.** Large, well expanded flowers of salmon pink, lower segments blotched yellow with carmine markings.....6c each; 40c per doz.; \$3.00 per 100.
- Jack London.** Light salmon, orange flame stripes; perfectly placed flowers on strong stems.....7c each; 60c per doz.; \$5.00 per 100.
- Jewell.** Light salmon pink with beautiful golden yellow throat; flowers large and white open on long slender stems; a most attractive variety; early.....6c each; 45c per doz.; \$3.00 per 100.
- Le Marechal Foch.** Salmon pink, flaked and striped deeper at edge of petals, large flowers and beautifully ruffled.....6c each; 35c per doz.; \$2.50 per 100.
- Lily White.** Pure white. Large flowers. Early.....6c each; 35c per doz.; \$2.75 per 100.
- Los Angeles.** Beautiful pink with flame feather in throat.....6c each; 45c per doz.; \$3.00 per 100.
- Mrs. Leon Douglass.** Enormous begonia pink. Four spikes equal a dozen any ordinary variety.....8c each; 85c per doz.; \$6.00 per 100.
- Maiden's Blush.** An exquisite pink with lighter throat. Very dainty flower on graceful spike.....6c each; 30c per doz.; \$2.50 per 100.
- Mrs. Dr. Norton.** Silvery white base tinged with pink, deepening towards the edges of the petals, creamy blotches in throat on lower petals; tall, vigorous grower, splendid cut-flower.....6c each; 45c per doz.; \$3.00 per 100.

Mrs. Francis King. The large blooms are of a delightful light scarlet and are well placed on the large spikes, bearing six open flowers at one time.....6c each; 35c per doz.; \$2.50 per 100.

Mrs. Frank Pendleton. Color a lovely salmon-pink, with brilliant deep red blotches in the throat.....6c each; 45c per doz.; \$3.00 per 100.

Mrs. F. C. Peters. A beautiful shade of rose lavender with a crimson blotch in throat.....6c each; 50c per doz.; \$3.50 per 100.

Panama. A new seedling of America which resembles the parent variety in every way except that it is a much deeper pink. A grand variety. Spike very long with flowers large and well arranged.....6c each; 45c per doz.; \$3.00 per 100.

Peace. Tall, graceful spikes of large, pure white flowers with a touch of carmine in the lower petals.....6c each; 45c per doz.; \$3.00 per 100.

Purity. A pure white seedling of America, having the same habit of growth, form of flower and substance. A strong grower and free bloomer with tall, well-furnished spikes.....6c each; 45c per doz.; \$3.00 per 100.

Schwaben. Light yellow with red stripes on lower petals.....6c each; 45c per doz.; \$3.00 per 100.

Souvenir. Purest golden yellow of all Gladioli.....6c each; 45c per doz.; \$3.00 per 100.

McCullough's Superb Mixed. This superb mixture is composed exclusively of high-grade varieties, including many new and rare kinds. It embraces the greatest possible range of color, and contains the best large-flowering sorts.....6c each; 35c per doz.; \$2.50 per 100.

Extra Fine Mixed. This mixture contains a very complete range of splendid varieties, and while not as fine as the preceding, the size and coloring of many of the sorts will be found out of the ordinary.....5c each; 25c per doz.; \$2.00 per 100.

LILIES

Auratum. (Golden-banded Lily.) Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate Ivory-white color, thickly studded with chocolate crimson spots, and striped through the center with a golden yellow band; 3 to 5 feet. Large Bulbs, 8 to 9 inches, 20c each; \$2.00 per dozen. Extra Large Bulbs, 9 to 11 inches, 30c each; \$3.00 per dozen.

Speciosum. "Japan Lily." The varieties of this class are magnificent border plants, and also excellent for pot culture. All are perfectly hardy, and are among the most satisfactory Lilies to grow.

Speciosum, Album. Pure white, very fragrant. Large Bulbs, 8 to 9 inches.....40c each; \$4.00 per doz.

Speciosum, Rubrum or Roseum. White, suffused and spotted with crimson. Large Bulbs, 8 to 9 inches.....25c each; \$2.50 per doz. Extra Large Bulbs, 9 to 11 inches.....35c each; \$3.50 per doz.

Tigrinum. "Tiger Lily." Orange-salmon, spotted with black.....25c each; \$2.50 per doz.

LILY OF THE VALLEY

We offer strong clumps suitable for out door planting. 35c each; \$3.50 per dozen.

TUBEROSES

One of the most fragrant and beautiful of the summer-flowering bulbs. For flowering in the open border, plant about the first of May.

Excelsior Pearl. Large bulbs. Robust stem and long spikes of flowers.....6c each; 50c doz.; \$4.50 per 100.

Mammoth Bulbs.....10c each; \$1.00 doz.; \$8.00 per 100.

OXALIS (Summer Flowering)

Valuable for edging walks, flower beds, etc. Bulbs planted three inches apart form rounded rows of decilate foliage, about one foot high, and produce flowers in endless succession.

Dieppi Alba. Pure white, very fine.

Lasandria. Fine rose-pink, beautiful cut foliage.

Shamrock. Clover-like foliage, pink blossoms.

Each variety.....15c per doz.; \$1.00 per 100.



McCULLOUGH'S SELECTED VEGETABLE SEEDS FOR 1932

ARTICHOKE

One ounce will produce about 400 plants.

The Globe Artichoke is cultivated for its flower-heads, which are cooked like Asparagus. Plants set in any good soil, with slight covering in winter, will remain in bearing several years.

Large Green Globe.....Pkt., 10c.

ASPARAGUS SEED

One ounce will produce about 800 plants.

Mary Washington. Asparagus growers whose crops are affected by rust should plant this variety as it is nearer rust proof than any other kind. The tips are tight and firm, and the stalks are large and luscious. When bunched for market it makes a fine appearance.

Pkt., 10c; oz., 15c; ¼ lb., 40c.
Argenteuil, Barr's Mammoth, Conover's Colossal, Palmetto, Columbian Mammoth White.

Pkt., 10c; oz., 15c; ¼ lb., 30c.

ASPARAGUS ROOTS

(See Plants and Roots, end of the
Vegetable Seeds. Page 36)

BEANS (Dwarf or Bush)

Green-Podded Varieties

One pound will plant 200 feet of row.

McCullough's Norwood Stringless Green Pod. This variety is superior to any other green-podded bean grown. It is positively stringless, and ripens a week earlier than the Valentine. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.40.

McCullough's Improved Round Pod Red Valentine.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Bountiful. An improved Long Yellow Six Weeks. Being earlier, harder and producing better and larger pods and more of them. Pods grow to large size, are broad and fleshy; absolutely stringless, tender, of finest flavor and good appearance.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Burpee's Stringless Green Pod. This variety is stringless and remains tender and crisp. The pods are pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green pod varieties.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Full Measure (Perfection Stringless.) Highly recommended as one of the most popular varieties for the Market Gardener. Very early and prolific. The pods are long, straight and handsome; meaty, stringless and of good quality; thick, flat or almost semi-round.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Tennessee Green Pod.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Dwarf Shell Beans

Horticultural Dwarf.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

White Kidney, or Royal Dwarf.

Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15.

Red Kidney. Similar to White Kidney except in color.

Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15.

White Marrowfat. Grown for sale as a dry bean for winter use; excellent shelled, either green or dry.

Pkt., 10c; ½ lb., 15c; 1 lb., 25c; 5 lbs., \$1.15.

Mexican or Prolific Tree. Grows 18 inches high, branching like a tree, bearing its pods so high that they do not touch the ground.

Pkt., 10c; ½ lb., 15c; 1 lb., 20c; 5 lbs., 90c.

Navy. The old standard sort for winter use.

Pkt., 10c; ½ lb., 15c; 1 lb., 20c; 5 lbs., 90c.

Wax or Yellow-Podded Varieties

Round Pod Kidney Wax.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Golden Wax, Improved. Pods long, straight, thick and vines very erect. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Davis' Kidney Wax.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Wardwell's Kidney Wax. Almost entirely free from rust and spots. Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Sure Crop Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Black Wax Improved.

Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Dwarf or Bush Lima

One pound will plant 100 feet of row.

Burpee's Improved Bush Lima. Pods and beans are both larger and thicker than Burpee's Bush Lima, and fully eight days earlier.

Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 5 lbs., \$1.90.

Fordhook Bush Lima. This is one of the best Bush Lima Beans in cultivation.

Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

Burpee's Bush Lima. This is the true bush form of the old large Lima Pole Bean.

Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.65.

Henderson's Bush Lima.

½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

POLE LIMA

One pound will plant 100 feet of row.

McCullough's Extra Large Lima. A choice selection of the Large Lima. It produces pods and beans of large size and in great abundance. This variety is without doubt the best for private gardens. The quality is much better than any other variety, the Beans cooking rich and meaty. . . . Pkt., 10c; ½ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Early Leviathan Lima. The earliest variety of Pole Lima: produces pods in clusters. A good variety where the season is short.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
King of the Garden Lima. A vigorous grower, bearing profusely. The beans are large and of rich flavor.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Seibert's Early Lima. The earliest of all the large Limas. Vine is hardy and vigorous, continues in bearing longer than any other; fine quality.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Pole or Running Varieties

One pound will plant 200 feet of row—90 to 100 pounds per acre.

All varieties of Beans, pkt., 10c postpaid; larger quantities postage, extra.

Kentucky Wonder, or Old Homestead (Green Pod.) An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. One of the best green pole beans, producing pods in clusters, ready for use about 85 days from time of planting.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Black Kentucky Wonder.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
White Kentucky Wonder, or Burger's Stringless.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Cut Short, or Corn Hill. One of the best varieties of Corn Beans in use. Can be used as a snap or shell bean. Considered the best Corn Bean for this section.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Horticultural. (Wren's Egg, or Speckled Cranberry.)

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Lazy Wife. An excellent late green-podded pole bean.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
McCaslan. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Striped Creaseback, or Scotia. A hardy and very productive green-podded cornfield bean.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
White Sickle. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Ohio Wax Pole. Pods usually 7 inches long, solidly meaty and entirely stringless; commences to bear when scarcely higher than the bush variety, and keeps on producing until killed by frost.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.
Golden Cluster Wax. The pods are from 6 to 8 inches long, stringless, very tender and of delicate flavor.

Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

BROCCOLI

Green Sprouting. Pkt., 15c; oz., 60c.
Purple Cape. Very similar to White Cape, excepting in color, heads being of a brownish purple.

Pkt., 10c; oz., 50c.
White Cape. Heads compact, good size and of a creamy white color; one of the most certain to head.

Pkt., 10c; oz., 50c.

BRUSSELS SPROUTS

Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand $1\frac{1}{2}$ to 2 feet apart in the row. Cultivate same as cabbages.

Dwarf Improved. Pkt., 10c; oz., 35c.

BEETS

One ounce will sow 100 feet of drill—12 pounds for an acre.

McCullough's Norwood. A superb early main crop Beet, both for market and the home garden. The roots are of neat turnip shape, growing three or four inches in diameter, deep through, smooth and entirely free from small rootlets. Flesh deep blood-red, tender and of rich flavor.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
Bassano. (The Table Sugar Beet.) A very early flat variety, tender, juicy; flesh white and rose-colored very sweet.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
Crosby's Improved Egyptian. An improved strain of the Egyptian Beet.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
Detroit. Color of skin dark blood-red, flesh bright red, zoned with a lighter shade, very crisp, tender and sweet.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
Early Blood. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
Eclipse. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.

Egyptian Extra Early. One of the earliest, of good quality and medium size; a fine forcer; small top.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
Half Long Blood.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
Long Dark Blood. A good late variety for fall and winter use; sweet and tender.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.

Swiss Chard or Spinach Beet

Swiss Chard or Silver Beet.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 20c; per lb., 85c.

Giant Lucullus.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.

Beets—Cattle and Sugar

Sugar Beets for Stock

One ounce will sow 200 feet of drill—

Five and one-half pounds for an acre.

Vilmorin's Improved. Lane's Imperial. Giant Half-Sugar

Green Top. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 75c.

MANGEL-WURZELS

Five and one-half pounds for an acre.

Mammoth Long Red. Roots of large size and excellent quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 75c.

Golden Tankard. Bright yellow, large, handsome, heavy cropper. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 75c.

CABBAGE

Sow one ounce for 2,500 to 2,800 plants.

Five and one-half ounces for one acre.

McCullough's Early Market. A new, early, round head Cabbage. It will produce double the crop of any other early variety; always extremely solid and fine ribbed. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped, and with few outside leaves. Size ideal for marketing. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.
Golden Acre. A new, early, round-headed Cabbage which closely resembles Copenhagen Market in type.

Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.00.
McCullough's Early Louisville Drumhead. Originated by us many years ago and is still the peer of all other varieties for early market purposes.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c.
Early Jersey Wakefield. One of the best extra early varieties in cultivation. The heads are pyramidal in shape, having a blunted or rounded peak.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.
Copenhagen Market. The earliest large, round headed sort ripening early and uniform. It has few outer leaves and it grows close to the ground on a short stem.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
Charleston, or Large Wakefield.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.
Early Dwarf Flat Dutch.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.

All-Seasons. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.

McCullough's Premier Late Flat Dutch. A variety for winter market; has no superior. Heads large, round, solid, broad and flat on top. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.

Large Late Drumhead. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c.

Hollander Yellow Resistant. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Danish Roundhead. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
Mammoth Rock Red. The largest and most solid of the red varieties; a sure heading sort and tender.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
American Drumhead Savoy. Heads large and very finely curled; short stalk and compact grower; an excellent keeper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Chinese or Celery Cabbage

Should be sown about August 1st, at the same time as Turnips, Spinach and other fall vegetables. **Wong Bok.** It really is not a cabbage but a Mustard, forming a compact, elongated, tightly folded head.

Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.
Pe-Tsai. This fine vegetable resembles Cos Lettuce.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c.

CARROTS

One ounce will sow 200 feet of drill—

Three and one-half pounds for an acre.

Early Market. Stump-rooted. A very choice strain, tender, fine-grained flesh. An enormous producer, handsome, uniform stumped roots. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Early Scarlet Horn. An early red summer variety; fine grained and good flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Coreless Chantenay. An improved Chantenay having shorter tops and finer foliage, and a little earlier in maturity than the regular Chantenay. Flesh rich orange color.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Chantenay. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Danvers. A cylindrical-shaped Carrot of good size and stump-rooted. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Oxheart or Guerande. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
McCullough's Intermediate. A large, handsome main crop variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Nantes Half-Long Scarlet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Improved Long Orange. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

CAULIFLOWER

One ounce of seed will produce about 2,200 plants.

McCullough's Earliest Dwarf Erfurt. Is beyond question the best for all purposes. It heads where others fail.
Pkt., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.
Early Snowball......Pkt., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.
Danish Giant.....Pkt., 20c; $\frac{1}{4}$ oz., 50c; oz., \$1.75.
Early Parish......Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.

CELERY

One ounce will produce about 25,000 plants.

McCullough's Golden Yellow. Extra selected stock. We have been furnishing our customers this strain of Paris Golden Yellow Celery for a number of years and it is pronounced by one and all the finest strain they have ever seen.
Pkt., 10c; oz., \$1.00.
Golden Plume.....Pkt., 10c; oz., \$1.00.
Golden Self-Blanching. An early, desirable sort, requiring but little labor to blanch. The heart is a rich, golden yellow, with light, yellowish-green outer leaves.
Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.
White Plume. Is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.
Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
Giant Pascal.....Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c.
Triumph. The best late Celery.
Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

Celeriac, Turnip Rooted Celery

Large Erfurt......Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c.

CHICORY

Large Rooted or Coffee......Pkt., 10c; oz., 25c.
Whitloof Chicory, or French Endive......Pkt., 10c; oz., 25c.

CHIVES

Per pkt., 10c.....3 pkts., 25c.
Clumps, 10c each.....per dozen, \$1.00.

COLLARDS

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c.

CORN, Sweet or Sugar

One pound will plant 200 hills—
10 to 12 pounds per acre.

McCullough's New Wonder. The stalk is heavy, which stands erect and is not affected by dry weather like many other varieties. Give this corn plenty of fertilizer, ample room and thorough cultivation and you will get results. Ground suckers should be kept off.
Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.
McCullough's Cincinnati Market or Club Zig Zag Evergreen. Originated in this market and was introduced by us, has become the best seller on the Cincinnati market. A late Zig-Zag Evergreen Corn, the ear ordinarily being twice the size in diameter of any other sort, while in sweetness and flavor it cannot be excelled.
Pkt., 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 5 lbs., \$1.85.

Early Sheffield......Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Golden Bantam......Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Wonder Bantam. A great improvement over the Golden Bantam both in size and quality.... $\frac{1}{2}$ lb., 20c; 1 lb., 30c.
Golden Giant......Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Golden Sunshine......Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Whipple's Early. Of the narrow-grained Evergreen type, but ready for use much earlier. Ears 8 to 9 inches long, 16 to 18 rows of pearly white grains.
Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Early Evergreen......Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Country Gentleman. One of the richest flavored of all the late varieties.
Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Stowell's Evergreen. The standard variety, both for home use and market, and is the general favorite.
Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Zig-Zag Evergreen. This is one of the sweetest and best late Sweet Corns. The ears are as large as those of the Evergreen, but the kernels are placed irregularly or zig-zag upon the cob, which is always an indication of great sweetness.
Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.40.

Late Mammoth......Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Black Mexican. Black-grained variety; sweet, tender; must be picked young to avoid a black appearance when cooked.
Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.00.

Garden Corn

Adams' Extra Early.

Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 20c; 5 lbs., 85c.
Adams' Early......Pkt., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 20c; 5 lbs., 85c.

CUCUMBERS

Use one ounce of seed to 50 hills,
2 to 3 pounds per acre.

McCullough's Special. An excellent Cucumber for both forcing and outdoor use.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; per lb., \$1.25.
Longfellow...Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; per lb., \$1.50.
Davis Perfect...Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.10.
Early Fortune.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.
Improved White Spine. The favorite market variety.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.
Jersey Pickle. As a pickling variety is unsurpassed. Its characteristics are its uniform growth and its immense productiveness.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.
Early Cluster. A much esteemed early variety; growing in clusters; is extremely productive.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; per lb., \$1.10.

Nichol's Medium Green.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.

Long Green Improved. Color dark green, flesh white and firm. Excellent for table and makes a hard brittle pickle. Extra selected stock.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.

White Wonder......Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.

Japanese Climbing......Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

Gherkin......Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; per lb., \$1.50.

CRESS, Water and Garden

Extra Curled or Peppergrass. Fine flavor, and the best sort for dry soil.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Erfurt Water Cress. A most desirable and appetizing salad, thriving best in shallow water on the edge of streams.
Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.

EGG PLANT

One ounce of seed will produce about 2,000 plants.

Black Beauty.....Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

New York Improved......Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

ENDIVE

One ounce of seed to 300 feet of row.

Broad Leaved Batavian. Leaves broad, light green, nearly plain; used in stews and soups.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Green Curled. Very hardy, crisp and tender.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Moss Curled. It is excellent for winter use.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

French Endive. (Witloof Chicory.) See Chicory.

GARLIC

Plant same as Onions in rows 8 to 12 inches apart; set bulbs 4 inches apart in the rows, covering 2 inches deep.
Bulbs..... $\frac{1}{4}$ lb., 20c; per lb., 50c.

HERB SEEDS

Anise. Biennial.....Pkt., 10c; oz., 20c.

Balm, Sweet. Perennial, 1 foot.....Pkt., 10c; oz., 25c.

Basil, Sweet. Annual, 1 foot.....Pkt., 10c; oz., 25c.

Caraway. Perennial, 2 feet.....Pkt., 10c; oz., 20c.

Dill. Biennial, 3 feet.....Pkt., 10c; oz., 20c.

Fennel. Sweet. Perennial, 6 feet.....Pkt., 10c; oz., 20c.

Horehound. Perennial, 2 feet.....Pkt., 10c; oz., 25c.

Hyssop. Perennial, 3 feet.....Pkt., 10c; oz., 25c.

Lavender. Perennial, 2 feet.....Pkt., 10c; oz., 40c.

Rosemary. Perennial, 4 feet.....Pkt., 10c; oz., 40c.

Saffron. Annual, 3 feet.....Pkt., 10c; oz., 25c.

Sage. Annual, 1 foot.....Pkt., 10c; oz., 40c.

Summer Savory.....Pkt., 10c; oz., 40c.

Sweet Marjoram.....Pkt., 10c; oz., 40c.

Thyme. Annual, 1 foot.....Pkt., 10c; oz., 40c.

KALE OR BORECOLE

One ounce to 500 feet of row
4 pounds to an acre.

McCullough's Special. A beautiful curled and crimped variety of strong vigorous habit, perfectly hardy, bright green color and very attractive in appearance.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 85c.

Norwood Dwarf Curled......Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 85c.

Siberian.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 60c.

Tall Scotch.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 85c.

KOHL-RABI (Turnip Rooted Cabbage)

One ounce of seed to 400 feet of row.

- Early White Vienna. The flesh is white and tender.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Early Purple Vienna. Differs from the above in color.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

LEEK

- Large American Flag.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.
London Flag.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.
Large Musselburgh.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c.

LETTUCE

One ounce will produce about 5,000 plants.

Head Varieties

- McCullough's Selected Nonpareil. The finest home garden and market variety. Its beautiful yellowish-green color, crimped, curled and well formed heads, tender quality and sweet flavor, place it at the head of the list for the market gardener or family use. It withstands the heat of summer and retains its sweetness for a long time.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Iceberg. A large, late, crisp Cabbage-heading variety; heads firm and hard, leaves broad and light green in color, with faint brown tracing on the borders. Quality good.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Curled Varieties

- Grand Rapids. This is probably the best of the loose-leaved varieties. It never forms a head, but produces an abundant crop of pale green leaves.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Black Seeded Simpson. One of the most popular sorts.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Early Curled Simpson.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Prize Head.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Big Boston.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
May King.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
New York or Los Angeles...Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Wayhead. It is not only earlier than May King, and other fine early varieties, but the tightly folded heads are generally larger in size.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Hanson. Heads green with white heart. Large size, crisp, tender.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

Romaine, Cos or Celery Lettuce

- Paris White Cos.....Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.
Triana Self-Folding.....Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

MUSTARD

One ounce will sow 100 feet of drill.

- White English. Best for salads.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.
Chinese, or Giant Southern Curled.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.

MUSHROOM SPAWN

One pound of Spawn is sufficient for a bed 2 x 6 feet.

- American Made Pure Culture Mushroom Spawn.
Per brick, 25c; 5 bricks, \$1.15; 100 bricks, \$20.00.
By mail, 30c per brick; 5 bricks, \$1.40 postpaid.

MUSKMELONSOne ounce will plant about 50 hills—
2 to 3 pounds in hills per acre.

- Acme.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Banana.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Extra Early Hackensack....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Golden Champlain. The extreme earliness of the Golden Champlain, which has made a record of ripening melons in 57 days from planting seed in the open field, puts it ahead of all others in this respect.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Hackensack.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Hales Best.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Hearts of Gold. Flesh is deep orange, extremely thick, fine grained and as sweet as honey. Always free from stringiness; closely netted, very solid, almost blight-proof.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.
Honey Ball. This melon is one of the most prolific early varieties grown. It is as round as a ball and has a very thick wall of delicious green meat clear to the rind.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Honey Dew. Average size is about six to eight inches in diameter, and they weigh five or six pounds. Skin smooth with little netting, and of creamy yellow color when ripe.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
Rocky Ford.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
Tip-Top.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

WATERMELONS

One ounce for 15 hills—4 to 5 pounds for an acre.

- Cole's Early....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Dark Icing, or Ice Rind. A very solid sort with a thin rind, and possesses most delicious flavor.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Gray Monarch....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Fordhook Early....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Halbert Honey....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Irish Grey.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Kleckley's Improved. This improved type grows uniformly large, retaining all the fine qualities as a table melon, with an important added feature of having much harder rind, which assures its satisfactory carrying qualities for long distances. Color of rind is dark bluish green and grows to a much larger size than the old type.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Long Light Icing....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Peerless, or Ice Cream. Of medium size; skin light mottled green; flesh scarlet.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Rattlesnake, or Gypsy. Fruit large, oblong, striped; flesh red.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Ribault.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; per lb., 85c.
Stone Mountain. (Dixie Bell.) A new introduction of best quality, and is said to be the sweetest of all the large melons.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.00.
Tom Watson. An extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" and of superb flavor. The average melon will weigh 30 to 40 pounds and measure about 28 inches long and about 12 inches in diameter. It is very prolific.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.
Sweetheart. Flesh bright red, solid and tender.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., 75c.

OKRA OR GUMBO

One ounce of seed for 300 plants.

- Perkins Mammoth. The pods grow 4 to 5 inches in length and are very tender, long, slim and deep green; plant is dwarf, and very productive.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.
White Velvet.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.
Dwarf Green.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.
Long Green.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c.

ONION SEEDOne ounce for 150 feet of drill—5 to 6 pounds for one acre.
Onion seeds for sets, 30 to 40 pounds per acre.

- Yellow Globe Danvers.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Ohio Yellow Globe.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Prizetaker. The true Prizetaker is globe shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Ebenezer. (Japanese.) This is the mildest yellow Onion in our list. The Onions are large, somewhat flattened, have attractive yellow skin and firm white flesh of delicate flavor.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Yellow Danvers. Bulb of good size and flat, the standard yellow onion for market or home use, being both early and an enormous yielder as well as good keeper.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Yellow Dutch, or Strasburg..Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
Large Red Wethersfield....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
White Portugal, or Silver Skin.
Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
White Queen.....Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.
Southport White Globe.....Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

ONION SETS

Onion Sets should be planted out as early in the Spring as the ground is dry enough to work; plant them in rows 12 inches apart, with sets 2 inches apart in the row. We handle sets of the standard varieties.

Prices subject to market changes.

Lowest market price will be given upon application.

PARSNIP

One ounce for 200 feet of drill—4 to 5 pounds for an acre.

- Large Sugar, or Hollow Crown. The best variety; roots long, very smooth, white, tender, sugary and of excellent flavor. This strain was made by careful selection of roots growing to an ideal shape and having the distinct hollow crown.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.
Student or Guernsey. A good half-long variety, smooth, sweet and of delicate flavor.
Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c.

PARSLEY

One ounce to 200 feet of drill.

- Norwood. Fine curled leaves of rich, dark green, compact growth; finest quality.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
 Extra Double Curled. Beautifully crimped and curled.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
 Moss Curled. Fine for garnishing.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
 Plain.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.
 Hamburg Turnip Rooted....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

PEPPER

One ounce of seed for 1,500 plants.

- California Wonder. Resembles Chinese Giant in shape, but has much thicker flesh. The fruit will average 4 inches in diameter at the top, tapering slightly. It matures its fruit somewhat earlier than Chinese Giant and is very prolific. Color glossy dark green, turning to crimson.
 Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.
 Cayenne Long Red. From 3 to 4 inches long, bright red color, very productive and hot.
 Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.
 Chinese Giant. Flesh is thick, mild and very sweet. Largest pepper grown.....Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.
 Golden Dawn.....Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.
 Large Bell, or Bull Nose. Large and early; rind very thick; color glossy red; flavor mild and pleasant.
 Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
 Pimento.....Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
 Red Chili or Small Cayenne. Pods $1\frac{1}{2}$ to 2 inches long, very hot; used for making pepper sauce.
 Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.
 Ruby King. Large size, ruby red pods; flesh exceedingly thick; sweet and mild....Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.
 Sweet Mountain. Similar in shape to the Bell, but grows larger; rind thick, tender and fleshy.
 Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

GARDEN PEASOne pound will plant about 50 feet of drill—
90 to 120 pounds per acre.

- McCullough's "Maud S." The earliest and most prolific Pea known. The pod is of a dark green color, of a full, round shape.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Alaska. A wonderful early, smooth, blue Pea; vines slender; pods very dark green, about three inches long, well filled with small, smooth blue-green peas.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Laxtonian. The pods of Laxtonian are very large, and are produced on a low-growing, sturdy vine, without support of any kind. The flavor is just as rich and good as any of the later varieties.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Little Marvel. As early as American Wonder and Nott's Excelsior, the pods are larger and the vines produce a heavier crop. For quality and productiveness it is far ahead of everything in the way of extra early wrinkled peas.....Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50.
 American Wonder.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Nott's Excelsior.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Premium Gem.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Gradus or Prosperity. This remarkable Pea is not only large and of the best quality, but is within two or three days as early as the small, round, extra early sorts. Gradus is a wrinkled Pea.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Thomas Laxton. A cross between Gradus and one of the Extra early sorts.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.

Second Early and Main Crop

- Dwarf Telephone or Daisy. A midseason variety; vines dwarf and produce large, bright green pods containing peas of finest quality.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Telephone. The favorite late variety; extra large pods.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Improved Champion of England.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Dwarf Sugar. Edible pods. Can be used in a green state like string beans. Height, five feet.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.
 Mammoth Luscious Sugar. This variety grows to a height of five feet and bears profusely, long, broad, light green pods. If picked when about half grown, broken and boiled like string beans and served with butter sauce, they make a luscious dish.
 Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c; 5 lbs., \$1.20.

PEANUTSMammoth Virginia.....Pkt., 10c; $\frac{1}{2}$ lb., 20c; per lb., 30c.**PUMPKINS**

One ounce for 25 hills.

- Cashaw Crook-Neck Striped. Grows to a medium size; flesh light yellow, and is the best variety for table use.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Golden Cashaw. Beautiful golden-orange color; an improvement on the old Cashaw.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Japanese Pie. Is very productive, ripens early, of medium size, good keeper, and weighs 15 to 20 pounds each. The flesh is a rich salmon color.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 King of Mammoth.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; per lb., \$1.25.
 Small Sugar...Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Tennessee Sweet Potato.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Large Cheese. An excellent keeper, color bright orange.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 70c.
 Connecticut Field. A large, yellow variety.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 75c.
 Kentucky Field. Good for cooking purposes and for feeding stock....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 60c.

RADISH

One ounce to 100 feet of drill—8 to 10 pounds for an acre.

- McCullough's Cincinnati Market. We were the introducers of this remarkable radish which has proven one of the best long Radishes offered. The tops are so small that the radishes may stand touching each other in the rows. They grow perfectly straight and smooth and from six to seven inches in length.
 Extra Select Original Stock Seed.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Non Plus Ultra. The smallest topped and earliest forcing Radish. Roots small round; deep rich scarlet; very crisp and tender, white flesh.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Earliest White Globe.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Scarlet Globe...Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Scarlet Turnip. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Scarlet Turnip, White Tipped.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 White Turnip. An early, crisp, turnip-shaped Radish of pure white color.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 French Breakfast. A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Golden Globe. Perfect globe-shape, and golden-colored skin, quick growth, tender and brittle.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 McCullough's Norwood Long White. Fine long white Radish, with beautiful shape; skin and flesh, pure white.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; per lb., \$1.00.
 Long Scarlet, Short Top. Long, of a deep scarlet color; flesh white; crisp and of good flavor.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 White Icicle. The finest long, white Radish; the young Radishes are ready for use in 25 days, and continue to grow, fully retaining their crisp tenderness and mild flavor until quite large.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 White Strasburg.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Chartier.....Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.

RADISH—WINTER VARIETIES

- Black Spanish, Oval Shape. A black valuable winter sort.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Black Spanish Long. Differs from the above only in shape.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Celestial. An all-season white Radish.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Chinese Scarlet. Half-long, fine winter sort, keeps well.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.
 Mammoth White Winter. A giant white-fleshed fall Radish.
 Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; per lb., 85c.

RHUBARB

One ounce will produce about 600 plants.

- Linnaeus.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.
 Victoria.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c.

SALSIFY OR Vegetable Oyster

One ounce will sow 200 feet of drill.

- Long White French.....Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.
 Mammoth Sandwich Island.
 Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c.

SPINACH

One ounce for 100 feet of drill—10 to 12 pounds for an acre.
McCullough's Norwood Savoy. This variety is one of the most important for market gardeners, also one of the best for kitchen garden. Pkt., 10c; per lb., 25c.
Bloodsdale Savoy. The hardest, large Savoy leaved, curled and crimped, with thick, fleshy leaves; good for family and market purposes Pkt., 10c; per lb., 25c.
Juliana. Pkt., 10c; per lb., 25c.
New Zealand. oz., 15c; ¼ lb., 30c.
King of Denmark. This variety is superior to all others for spring planting, as it continues to grow and hold its fine quality for weeks after the other sorts have gone to seed.
 Pkt., 10c; per lb., 25c.

SQUASH

One ounce of the Bush Varieties for 40 Hills, or of the Large-Seeded Kinds, 15 Hills. Two to Three Pounds of the Bush, and 3 to 4 pounds of the Large-Seeded for an Acre.

Summer Varieties

Mammoth White Bush. The best early variety market or shipping. It grows to a large size; scalloped like, patty-pan. Pkt., 10c; oz., 15c; ¼ lb., 30c; per lb., \$1.00.
Early Yellow Bush. An early, flat, scallop-shaped variety; color yellow; flesh pale yellow and well flavored.
 Pkt., 10c; oz., 15c; ¼ lb., 30c; per lb., \$1.00.
Summer Crook-Neck. Covered with warty excrescences; color bright yellow; shell very hard when ripe.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Vegetable Marrow. Skin a greenish-yellow, flesh white, grows 9 to 18 inches long.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Delicious. Resembles the old Hubbard, having a dark olive-green hard shell, weight from 5 to 10 lbs.
 Pkt., 10c; oz., 20c; ¼ lb., 60c; per lb., \$2.00.
Fordhook. A winter Squash of great merit.
 Pkt., 10c; oz., 15c; ¼ lb., 50c; per lb., \$1.50.

Fall and Winter Varieties

Hubbard. Standard Winter Squash.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Warted Hubbard. This strain, without doubt, grows the finest Hubbard in existence.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Golden Hubbard. Fruit is of the same shape as Green Hubbard, and warted, but average one-half to one-third smaller in size.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Mammoth Chili. Rich orange-yellow; flesh thick and of good quality for making pies; grows to an enormous size; a valuable sort for feeding stock.
 Pkt., 10c; oz., 15c; ¼ lb., 40c; per lb., \$1.25.
Boston Marrow. A popular winter variety; quality unexcelled. Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 75c.

TOBACCO

White Burley. Extra stock, grown largely for the manufacture of fine-cut. Pkt., 10c; oz., 50c.
Stand-Up Burley Pkt., 10c; oz., 50c.

TOMATO

McCullough's Radio. A cross between Truckers Favorite and Bonnie Best. Introduced by us as a medium early variety, it fully met all our expectations as it is ready for market immediately following the extra early varieties, coming on the market when demand and prices are at their best for second early sorts. Its large and uniform size, splendid purple color, firmness and flavor commend it. A heavy yielder of uniform-sized fruit and continues in bearing until frost.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50.
McCullough's Norwood. The plants are strong and vigorous, bearing an abundance of large, smooth fruit of a beautiful purplish crimson color, which is produced in clusters of four to six; is large, of perfect shape, and retains its size until late in the season. The flesh is remarkably thick, firm and solid and of the finest quality, with few seeds. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
Beauty Pkt., 10c; oz., 35c; ¼ lb., \$1.00.
Bonny Best. Fruit of good size, bright red color, smooth, solid and uniform. A second early and very productive.
 Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Break of Day. The new Pritchard hybrid developed from Marglobe and Marvana, having their disease resistant qualities. Resembles Marglobe in shape and size, but not so productive. Has vines of open habit like Marvana. Matures early, being next to Earliana in this respect. Fruits are solid, meaty and have a beautiful scarlet color. Will become quite popular with home-gardeners.
 Pkt., 15c; 1 oz., 75c; ¼ lb., \$2.00.

Buckeye State Pkt., 10c; oz., 40c; ¼ lb., \$1.30.

Cincinnati Purple. A valuable variety, especially adapted for canning and shipping. It is very large, color a dark purplish red. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Crimson Cushion or Beefsteak.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

Detroit Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Dwarf Champion Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Earliana Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Early Jewel Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Golden Queen Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

John Baer Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

June Pink. Resembles the Earliana in habit of growth and shape of fruit, but the color is pink. The fruit begins to mature very early; measures 3 inches in diameter and is of excellent quality.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Oxheart. Attractively different shape, large size and excellent table qualities. Pkt., 10c; oz., 75c; ¼ lb., \$2.00.

Ponderosa. One of the largest fruited tomatoes. The fruit is of a purplish pink color, very solid and ripens early; nearly seedless, with firm, rich red flesh.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

Stone Pkt., 10c; oz., 25c; ¼ lb., 75c.

Tucker's Favorite Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Small-Fruited Tomatoes

The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden.

Pear-Shaped, Red. A small preserving tomato, of pear shape and bright red color. Pkt., 10c; oz., 50c.

Pear-Shaped, Yellow. Similar to the above in shape, bright yellow color. Pkt., 10c; oz., 50c.

Red Cherry. Small, round fruit, resembling cherries, used for preserves. Pkt., 10c; oz., 50c.

Yellow Plum. Bright, lemon-colored; oval; small sized; used for preserves. Pkt., 10c; oz., 50c.

Strawberry, Winter Cherry or Husk. Low, spreading plants, bearing yellow fruit ½-inch in diameter, surrounded by a husk; for preserving. Pkt., 10c; oz., 50c.

Wilt Resistant Tomatoes

Marglobe Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Marvana Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

Marvelosa Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

Norton Pkt., 10c; oz., 25c; ¼ lb., 75c.

TURNIP

One ounce will sow 150 feet of drill—1 pound to the acre.

Extra Early Purple Top Milan.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 85c.

Purple Top, Strap-Leaf.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Purple-Top Globe.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

White Flat Dutch.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Snowball. Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Large White Globe.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Golden Ball, or Orange Jelly.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

White Egg. Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Long White, or Cow Horn.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 65c.

Seven Top. Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 75c.

Swede or Rutabaga Turnip

American Purple Top.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 75c.

Long Island Improved.

Pkt., 10c; oz., 15c; ¼ lb., 25c; per lb., 75c.

VEGETABLE PLANTS AND ROOTS

ASPARAGUS ROOTS

(Ready April 1st.)

2 Year Old Roots

Martha Washington. 40c per dozen; \$2.00 per 100.

Mary Washington. Pedigreed.

One year old roots, 35c per doz.; \$1.75 per 100; \$16.00 per 1000.

Two year old roots, 50c per doz.; \$2.50 per 100; \$20.00 per 1000.

Three year old roots, 65c per doz.; \$3.50 per 100; \$30.00 per 1000.

Pedigreed seed of Mary Washington, Pkt., 10c; oz., 15c; ¼ lb., 40c.

We cut last spring from a bed of two year old roots of the Mary Washington set out the spring before.

Giant Argenteuil. A French variety of large size; green in color.....Per dozen, 25c; per 100, \$1.50.
Palmetto. A large, dark green variety with pointed tips.
 Per dozen, 25c; per 100, \$1.50.
 If wanted by mail, add 5c per dozen, 15c per 100 for postage.

CELERY PLANTS

(Ready June and July.)

McCullough's Parish Golden Yellow, Golden Self-Blanching, Golden-Hearted Dwarf, Giant Pascal.
 All the above, per 100, 75c.

CABBAGE PLANTS

(Ready about April 1st.)

Early Jersey Wakefield.....Per doz., 15c; per 100, 60c.
Louisville Drumhead.....Per doz., 15c; per 100, 60c.
Premium Late Flat Dutch.....Per doz., 15c; per 100, 60c.

CAULIFLOWER PLANTS

(Ready April 1st.)

Earliest Dwarf Erfurt.....Per doz., 30c; per 100, \$2.00.
Early Snowball.....Per doz., 30c; per 100, \$2.00.

CHIVES

(Ready April 1st.)

Good Clumps.....10c each; per doz., \$1.00.

EGG PLANT

(Ready about May 15th.)

Black Beauty.....Per doz., 50c.

HORSERADISH SETS

(Ready April 1st.)

Per doz., 25c; per 100, \$2.00.

BERMUDA ONION PLANTS

Per 100, 15c; per 1,000, \$1.25.

PEPPER PLANTS

(Ready about May 15th.)

Large Bell, or Bull Nose.....Per doz., 40c.
Ruby King.....Per doz., 40c.
Long Red Cayenne.....Per doz., 40c.

SWEET POTATO PLANTS

(Ready about June 1st.)

Nancy Hall and Jersey Yellow. Per 100, 50c; per 1000, \$4.00.

TOMATO PLANTS

(Ready about May 1st.)

Transplanted plants offer many advantages over seedlings; they produce fruit much earlier and are more easily shipped.....Per doz., 25c; per 100, \$1.75.

RHUBARB ROOTS

(Ready April 1st.)

Seed Grown Roots.

1 yr. old, 10c each; \$1.00 doz.; 2 yr. old, 25c each; \$2.50 doz.
Large Clumps.....25c each; \$2.50 doz.

SEED SWEET POTATOES

Nancy Hall and Jersey Yellow. Write for prices. Ready for shipment about April 1st. For plants, see above.

Ready for Delivery after May 10th

High-Grade Fertilizers and Plant Foods

All Fertilizers Delivered in Greater Cincinnati.

Prices Subject to Change without Notice.

ADCO

Artificial Stable Manure

Make It Yourself—In Your Own Garden

The process consists of making a heap of all garden trash as it is collected, wetting it thoroughly, and adding to it a bacterial food—known as ADCO. In the course of three or four months the heap is converted by the action of the growing bacteria into a pile of excellent manure.

Adco, in 25-lb. bags, each.....\$2.00.
 (Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure.)

Adco, in special 150-lb. bags, each.....\$10.50.
 (Enough for a heap 10 ft. x 6 ft., making about three tons of manure.)

AMMONIA SULPHATE

1 lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.10; 50 lbs., \$2.00; 100 lbs., \$3.50.

AGRICULTURAL LIMESTONE

Per bag of 80 lbs., \$1.00; 5 bags, \$4.00; 10 bags, \$7.00.

ACID PHOSPHATE 16%

5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50 per bag of 125 lbs., \$2.75.

PURE BONE MEAL

1 lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.60; per bag of 125 lbs., \$3.25.

MURIATE OF POTASH

1 lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.20; 50 lbs., \$2.00; 100 lbs., \$3.75.

CATTLE MANURE—Shredded

100 lbs., bags only. Per bag of 100 lbs., \$2.25.

COTTON SEED MEAL

Per bag of 100 lbs., \$3.50.

DRIED BLOOD MEAL

1 lb., 10c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

PREPARED HUMUS

5 lbs., 25c; 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$1.75; 500 lbs., \$8.00; 1,000 lbs., \$15.00; 2,000 lbs., \$28.00.

HYDRATED LIME

10 lb. bags, 35c; 20 lb. bags, 50c; 50 lb. bags, \$1.00; 500 lbs., \$9.00.

NACO

100 lbs., \$4.50.

NITRATE OF SODA

1 lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.20; 50 lbs., \$2.00; 100 lbs., \$3.50.

VIGORO

Specialty Prepared Plant Food

100-lb. bag, \$5.00; 50-lb. bag, \$3.00; 25-lb. bag, \$1.75; 10-lb. pkg., 85c; 5-lb. pkg., 50c; 12 oz. pkg., 10c.

IMPORTED GRANULATED

PEAT MOSS

GPM Brand

Small bale, \$1.25; large bale (13 cu. ft. and covers 240 sq. ft. one inch deep), \$3.50; 5 bales, \$17.00 per bale; 10 bales, \$32.50 per bale.

Justrite Brand

Bale (13 cu. ft.), \$3.00; 5 bales, \$14.50 per bale; 10 bales, \$27.00 per bale.

PLANTABBS

30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00; 1000 tablets, \$3.50.

PLANT MARVEL

Pkg., 25c; ½ lb., 60c; 1 lb., \$1.00.

STIMULANT TABLETS

Makes a Wonder Garden

Price, postpaid; trial size; 30 tablets, 25c; 100 tablets, 75c; 1,000 tablets, \$3.50.

SHEEP MANURE—Pulverized

5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.60; 100 lbs., \$2.25.

Insecticides and Fungicides

Liquid Insecticides and Poisons cannot be sent by Mail.

ANT FOIL

Ant Foil. Sets containing six filled, ready to use. Feeders, 75c; Extra Container, 2 for 25c; Syrups for refill, 8 oz., 40c; Pts., 75c; Gals., \$3.50.

Foliage Hose Sprayer. Sprays six gallon directly from garden hose, no tiring labor.

\$1.25, including one 2 oz. pkg. Foliage Insecticide.

Foliage. Advanced pyrethrum, non-poisonous, insecticide complete in itself, requiring no addition except water. Effective against both chewing and sucking insects.

2 oz., 35c; 8 oz., \$1.00; 16 oz., \$1.50 qt., \$2.50; Gal., \$8.50; 5 Gal., \$40.00.

ANTROL

Antrol sets containing 4 containers and 1 4-oz. bottle of syrup 95c; Antrol extra containers (each) 15c; Antrol syrup, 4-oz. bottle, 45c; Antrol syrup, pints, 95c; Antrol syrup, gallons, \$3.75.

*ARSENATE OF LEAD (Dry Powdered)

½ lb. pkg., 20c; 1 lb. pkg., 30c; 4 lb. pkg., 80c.

**BLACK LEAF 40"

1 oz. bottle, 35c; 5 oz. bottle, \$1.00; 1 lb. bottle, \$2.25; 2 lb. tin, \$3.35; 5 lb. tin, \$6.25; 10 lb. tin, \$10.75.

***BORDO LEAD POWDER**

$\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs., \$1.00.

***BORDO MIXTURE (Dry Powder)**

$\frac{1}{2}$ lb. pkg., 20c; 1 lb. pkg., 30c; 4 lb. pkg., 80c.

CROW-TOX

Bird and Rodent Repellent. Saves Seed Loss and Re-planting..... $\frac{1}{2}$ pt., 60c; 1 pt., \$1.00.
Contact Remedies to be Effective Must reach the Insects.
Insecticides prefixed by star (*) cannot be mailed.

***CALCIUM ARSENATE
(Dry Powdered)**

1 lb., 30c; 4 lbs., 75c.

**COPPER SULPHATE
(Blue Stone)**

1 lb., 20c; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.50.

***CYANOGAS**

Per lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00.

EVER GREEN

1 oz. bottle, 35c; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.00;
32 oz. bottle, \$3.50; by parcel post—1 oz. bottle, 50c; 6
oz. bottle, \$1.15; 16 oz. bottle, \$2.35; 32 oz. bottle, \$4.25.

FISH OIL SOAP

1 lb., 35c; 5 lbs., \$1.35; 25 lbs. in bulk, \$5.00. By Parcel
Post—1 lb., 45c; 5 lbs., \$1.75.

GRAPE DUST

1 lb., 35c; 5 lbs., \$1.00; 10 lbs., \$1.90. By Parcel Post—
1 lb., 40c; 5 lbs., \$1.15; 10 lbs., \$2.25.

***LIME-SULPHUR SOLUTION**

1 qt., 50c; $\frac{1}{2}$ gal., 75c; 1 gal., \$1.00; 5 gals., \$4.00.

DRY LIME-SULPHUR

1 lb. can, 30c; 5 lb. can, \$1.25; 10 lb. can, \$2.35; 25 lb.
can, \$4.00.

FUNTROGEN

Conquers Mildew and Black Spot

$\frac{1}{2}$ pt., 75c; pt., \$1.25; qt., \$2.00; $\frac{1}{2}$ gal., \$3.50; gal.,
\$6.00.

***MAGNESIUM ARSENATE DUST**

For Control of the Mexican Bean Beetle.

1 lb., 35c; 4 lbs., 75c.

***NICO-FUME LIQUID**

1 lb., \$2.00; 4 lbs., \$5.85; 8 lbs., \$10.85.

NICO-FUME PAPER

24 sheets, \$1.25; 144 sheets, \$4.75; 288 sheets, \$8.25.

***NICO-FUME TOBACCO POWDER**

For Fumigating Greenhouses

1 lb. tin, \$1.00; 5 lb. tin, \$3.50; 10 lb. tin, \$6.15.

PARADOW (Para-Dichlor-Benzene)

Kills the Peach Tree Borer

1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25.

***PYROX**

1 lb. jar, 50c; 5 lb. drum, \$2.00; 10 lb. drum, \$3.00.

PYROX NICOTINE

10 oz. jar, 50c; 40 oz. jar, \$2.00.

***PARIS GREEN**

$\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c.

***POMO-GREEN**

1 lb. can, 50c; 5 lb. carton, \$1.75.

POMO-GREEN With Nicotine

1 lb., 75c; 5 lbs., \$3.00.

***POMO-DUST**

Leaf Dust for Roses and other plants.

1 lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.25; 50
lbs., \$7.50.

RED ARROW

1 oz., 35c; $\frac{1}{4}$ pt., \$1.00; $\frac{1}{2}$ pt., \$1.75; 1 pt., \$3.25; 1 qt.,
\$6.00; $\frac{1}{2}$ gal., \$11.00; 1 gal., \$20.00.

SCALECIDE

Controls Scale. If your trees are infested with scale, give them a Scalecide spray in the fall. Scalecide does a thorough job by creeping under the protective scales and into cracks and crevices of the rough bark.

1 qt., 70c; 1 gal., \$1.60; 5 gals., \$6.00; 10 gals., \$10.00;
15 gals., \$13.50; 30 gals., \$22.50; 1 barrel, (50 gals.),
\$28.00.

SHEPS PLANT SPRAY

2 oz. bottle, 35c; 8 oz. bottle, 75c; 16 oz. bottle, \$1.25;
qt. can, \$2.00; gal. can, \$6.35. Bulk prices on inquiry.

SLUG SHOT

1 lb. carton, 25c; 5 lbs., 75c.

SNAROL

For snails, cutworms, slugs, grasshoppers, sow bugs, Earwigs and other garden pests.

$\frac{1}{2}$ lb. pkg., 45c; 4 lb. pkg., 95c; 15 lb. bag, \$3.50.

SULPHUR, POWDERED

Used principally to prevent and cure mildew on Roses and Plants in greenhouses.

1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 90c. By Parcel
Post—1 lb., 25c; 2 lbs., 35c; 5 lbs., 75c; 10 lbs., \$1.25.

SUNOCO SPRAY OIL

Self emulsifying. Dormant spray for fruit and shade trees and shrubs.

1 gal., \$1.25; 15 gal. drum, \$10.50.

***THRIP JUICE**

1 pt., 85c; 1 qt., \$1.35; 1 gal., \$4.80.

TOBACCO DUST

A sure remedy for Green Fly, Aphids, Fleas, Beetles, etc.
1 lb., 10c; 3 lbs., 25c; 10 lbs., 65c; 100 lbs., \$4.50.

TOBACCO STEMS

Used for fumigating plants to kill insects, and as a mulch for Roses, Asters, Lettuce, etc.

1 lb., 5c; bale of about 100 lbs., \$2.50.

TREE TANGLEFOOT

1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00. By
Parcel Post—1 lb., 70c; 5 lbs., \$3.00; 10 lbs., \$5.65.

TREE WOUND PAINT

Prevents decay after pruning. This residual, penetrating, antiseptic paint is not affected by heat, cold or moisture. Does not peel, crack or get brittle, stops tree bleeding.

1 qt. can, \$1.00; 1 gal. can, \$3.00.

VOLCK

$\frac{1}{2}$ pt. can, 35c; 1 pt. can, 60c; 1 qt., \$1.00; 1 gal., \$3.00;
5 gal., \$12.00; 14 gal., \$25.00; 28 gal., \$40.00.

By Parcel Post— $\frac{1}{2}$ pt., 60c; 1 pt., 90c; 1 qt., \$1.15; 1
gal., \$3.35.

Full directions on each can.

***WEED KILLER, KEY BRAND**

1 qt., 55c; 1 gal., \$1.75; 5 gals., \$6.75.

ATLACIDE CALCIUM CHLORATE

Recommended by Federal and State Agricultural Experiment Stations for killing noxious weeds.

1 lb., 50c; 3 $\frac{1}{2}$ lb. cans at \$1.50 each; 50 lb. drums at
13 $\frac{1}{2}$ c per lb.; 100 lb. drums at 13c per lb.; 200 lb. drums
at 12 $\frac{1}{2}$ c per lb.; $\frac{1}{2}$ c per lb. less in ton lots.

PARAGON SPRAYERS

No. 0. Capacity, 3 $\frac{1}{2}$ gallons. Equipment, 4 feet spray hose,
3 feet spray pipe, 1 mist spray nozzle, 1 steel cap for
mist nozzle, 1 straight spray. Price.....\$12.50.

No. 1. Capacity, 6 gallons. Equipment, 5 feet 6-ply hose,
5 feet spray pipe, two spray nozzles. Price.....\$17.50.

No. 2. Same capacity and equipment as No. 1, but mounted
on strong steel truck which can easily be wheeled to any
desired place. Truck is easily detached when desired.
Price.....\$21.00.

No. 3. Capacity, 12 gallons. Equipment, 10 feet 6-ply hose,
7 $\frac{1}{2}$ feet spray pipe, two spray nozzles. Mounted on strong
steel truck and can easily be wheeled to any desired place.
Truck is easily detached when desired. Price.....\$22.50.

No. 3. Machine without truck. Price.....\$19.00.

No. 4. Capacity, 28 gallons. Equipment, 20 feet 6-ply hose,
10 feet spray pipe, two spray nozzles. Mounted on two
strong 30-inch wheels. Price.....\$39.50.

No. 4. Machine without wheels. Price.....\$29.50.

No. 5. Capacity, 50 gallons. Equipment, 25 feet 6-ply hose,
10 feet spray pipe, one 3-way spray nozzle, one single
spray nozzle. This sprayer has solid cast brass pump and
large air chamber. It is positively the very best hand
power sprayer made for tree spraying. Price.....\$45.00.

Nos. 1 and 3 Sprayers can be furnished with solid all cast
brass pumps for—additional.....\$5.00.

No. 4 Sprayer can be furnished with solid all cast brass
pump for—additional.....\$3.00.

Send for descriptive circular giving detailed information.
Paragon Sprinkling Cart. Capacity 50 gal; Sprinkler
Arm, 6 ft. long.....\$42.50.

"JAKE" COMPRESSED AIR SPRAYER

No. 50. Tin Pump with Tin Reservoir, each.....85c.

No. 50. Tin Pump with Galvanized Reservoir, each.....\$1.00.

No. 50. Brass Pump with Brass Reservoir, each.....\$1.25.

No. 55. Junior Sprayer—Capacity 1 Pint.....65c.

No. 75. Giant Sprayer—Capacity $\frac{1}{2}$ Gallon.....\$2.25.

HUDSON MISTY SPRAYER

No. 452. Tin, each.....40c.

HUDSON FOG

No. 303. Tin, each.....30c.

HUDSON VAPOR

No. 222. Tin, each.....25c.

No. 430. Hudson Crescent. 1 qt. Glass Jar.....55c.

HUDSON SPRAYER (Continuous)

No. 432. Tin.....	.75c.
No. 432B. Brass.....	\$1.00.
No. 232 Jr. Continuous Tin.....	.50c.
No. 427. Clirtic Sprayer. Glass jar.....	\$1.00.
No. 112. Bucket Pump.....	\$2.50.
No. 126. A bucket pump. Good whitewash pump.....	\$6.40.

**HUDSON PERFECTION
COMPRESSED AIR SPRAYER**

It is just the thing for general work around the house, in gardens and small farms. Used for potato spraying, white-washing, spraying disinfectants, cold water paints, etc.

Tank, 7½ inches diameter, 20 inches long, capacity, 4 gallons. Made of first quality galvanized sheets or all brass as ordered.

No. 110G. Galvanized Steel Tank. Capacity, 4 gal.....	\$6.00.
No. 110B. Brass Tank. Capacity 4 gal.....	\$8.75.

**HUDSON PERFECTION JUNIOR
COMPRESSED AIR SPRAYER**

Tank, 6½ inches diameter, 17 inches long, capacity about 2½ gallons. Made of first quality galvanized sheets. Tested under actual working conditions at the factory.

No. 140—G. Galvanized Tank. Price, each.....	\$4.25.
No. 140—B. Brass Tank. Price, each.....	\$6.25.

HUDSON

No. 120—G. Thrifty Sprayer. Galvanized Tank. Price, each.....	\$3.25.
No. 135—G. Cimax. Galvanized Tank, 4 gal. Price, each.....	\$3.75.
No. 135—B. Brass Tank. Price, each.....	\$5.50.

**BAMBOO BRASS LINES
SPRAY POLES**

12-foot lengths. Net price.....	\$5.00.
10-foot lengths. Net price.....	\$4.00.

HUDSON NOZZLES

No. 176.....	\$1.50.
No. 166.....	.75.
No. 168.....	.75.
No. 71. Bordo.....	1.00.
No. 164.....	2.00.

HUDSON MAJOR DUSTER

No. 665.....	\$1.00.
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HUDSON CADET DUSTER

No. 663. Each.....	\$.40.
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HUDSON AUTOCRAT DUSTER

No. 667. 3 quart.....	\$2.15.
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HUDSON CRANK DUSTER

No. 603. Each.....	\$8.00.
No. 604. Each.....	\$12.00.

See Spray Chart on page 40

FEENY MODEL DUSTERS

The Model D Duster. 50 inches long, hopper holds 2 qts. Extra nozzle for general use. Price.....	\$2.75.
The Model BX Duster. 28 inches long, extra nozzle for flowers and gardens. Price.....	.90c.
The Model B Duster. Is used for dusting Insect Powder effectively. Price.....	.75c.
Acme Powder Bellows. It applies any powdered poison on any plant in any desired quantity. The elbow may be detached, if desired. We also furnish a spreader for distributing the blast. Price, each.....	\$1.75.
Woodason's Powder Bellows. Single cone, small.....	\$2.75.
Single cone, large.....	\$4.00.

GARDEN IMPLEMENTS

Knives, Pruning.....	\$1.25 to \$2.00.
Knives, Budding.....	.50c to \$3.00.
Knives, Asparagus. American.....	.40c.
Labels, Wood. For pots, painted:	
4 x 5/8-inch.....	Per 100 \$.25 Per 1000 \$ 2.25
5 x 5/8-inch.....	.30 2.50
6 x 5/8-inch.....	.35 2.75
8 x 7/8-inch.....	.75 6.50
10 x 7/8-inch.....	.90 8.00
12 x 1 1/8-inch.....	1.00 11.00
Labels. Tree notched, copper wired:	
Per 100, 30c; per 1,000, \$2.50.	

Labels, Pyralin Waterproof.

Pot Labels, 4-inch, per 100, \$1.00; per 1,000, \$9.00.	
Tree Labels, copper wired, 3 1/2-inch, per 100, \$1.25; per 1,000, \$11.00.	
Mastica. One gallon.....	\$2.50.
Mastica Glazing Machine.....	\$2.50.
Match Plant Sticks, painted green. 12-inch, per 100, 30c; per 1,000, \$2.50. 18-inch, per 100, 40c; per 1,000, \$3.00.	
The Dodson Improved Sparrow Trap. Price, complete with receiving box.....	\$9.00.
Mole-Trap, Little Giant.....	\$1.25.
Oil Lawn Mower. Per can.....	.20c.

Milo Hot Bed Mats

Size 78x80 inches. Price.....	\$4.50.
Moss, Green Sheet. For hanging baskets, etc. Per bale, 50c; large bundle (5 bales), \$2.00.	
Moss, Sphagnum. For packing plants and growing orchids, etc. Per bale.....	\$1.75.
Potting Soil. Peck, 35c; per bushel, \$1.25.	
Plant Stakes, (wood, painted green) 3/4 by 3/4 inch, 6 feet long, per dozen, 75c; per 100, \$5.00; 3/4 by 3/4 inch, 6 feet long, per dozen, \$1.00; per 100, \$7.50.	
Plant Stakes (wire rods for Plants). 9 inches long, per dozen, 20c; per 100, \$1.25.	

Time Saver Plant Supports

No. 1. 30 in. long, per dozen.....	.95c.
No. 2. 36 in. long, per dozen.....	\$1.15.

Chase Plant Sticks

3 ft. long—\$1.00 per doz.; \$2.00 per 25; \$6.00 per 100.	
4 ft. long—\$1.40 per doz.; \$2.50 per 25; \$9.00 per 100.	

TREE PRUNERS

Waters. 8 ft., \$2.00; 10 ft., \$2.25; 12 ft., \$2.75.	
Pruning Shears. Lopping shears; 24-inch handles. \$1.75 to \$2.50.	
Pruning Shears, Hand.	
Wiss heavy, extra fine quality, 9-in.....	\$3.50.
Wiss, Shear Steel, 9-inch.....	\$2.50.
Ladies' Hand.....	\$1.50.
Putty Bulb. A useful tool for applying liquid putty when glazing greenhouses.....	\$1.35.
Raffia, Natural. Per lb., 60c; 5 lbs., \$2.50.	
Raffia, Colored. Green, 1/2 lb., 75c; 1 lb., \$1.25.	
Saws, Pruning. 16-inch, \$1.00; 18-inch, \$1.25.	
Sash, Hothed, Unglazed. Made from strictly clear cypress lumber. White lead used on the tenons, and iron dowel pins at the corners.	
No. 1. 3 x 6 ft., three rows, 10-inch glass, each....	\$3.50.
No. 2. 4 x 6 ft., five rows, 8-inch glass, each.....	\$4.50.
Scythes, Waldron, English Lawn. 28-inch, \$2.50; 30-inch, \$2.75; 32-inch, \$3.00; 34-inch, \$3.25.	
Scythes Snath Peerless. Each.....	\$1.50.
Scythe Stones, Talacre. English round.....	.40c.
Seed Sower, Cyclone.....	\$2.00.
Shovels, Steel. Round point.....	\$1.50.
Spades. Steel polished.....	\$1.50.
Spades. Ames steel.....	\$2.50.
Spades, Nursery. Steel, extra heavy strapped.....	\$3.50.
Spades, Ditching.....	\$1.50.
Sprinkler, Rubber. Scollay's.....	\$1.35.
Thermometers. 25c to \$2.75 each.	
Trowel, Transplanting. 25c to 90c each.	
Wax, Grafting. 1/4 lb., 20c; 1/2 lb., 35c; 1 lb., 55c.	
Watering Pots, Galvanized. Long Spout.	
6-quart, \$4.25; 8-quart, \$4.75; 10-quart, \$5.25; 12-quart, \$6.00; Ladies' size 4-quart, \$4.25.	
Colored Watering Pots. 2 quarts, \$1.00; 4 quarts, \$1.25.	
Weeders, Cleveland Lawn, with long handle for removing weeds.....	\$1.25.
Excelsior. For weeding.....	.15c.
Market Gardener's.....	.25c.
Diamond Weeder. The Gardener's favorite.....	.25c.
Ideal Hand Weeder.....	.25c.
"Out-U-Kum" Weed Puller. Each.....	.75c.

Wire Folding Plant Stand

3 Tray Stand—Trays 7 1/2 in. wide x 30 in. long.....	\$6.00.
2 Tray Stand—Trays 7 1/2 in. wide x 30 in. long.....	\$4.50.
1 Tray Stand—Trays 10 in. wide x 33 in. long.....	\$3.00.

The Perfecto Flower Box

20 inches long, 6 in. deep, 7 in. wide.....	\$1.00.
26 inches long, 6 in. deep, 7 in. wide.....	\$1.50.
32 inches long, 6 in. deep, 7 in. wide.....	\$2.00.
38 inches long, 6 in. deep, 7 in. wide.....	\$2.50.
44 inches long, 6 in. deep, 7 in. wide.....	\$3.00.

SPRAY CALENDAR

	Spray No. 1	Spray No. 2	Spray No. 3	Spray No. 4	Spray No. 5
APPLES.....	Dormant for scale and red mite, to be applied in early spring when temp. is well above freezing. Use oil emulsion or scalecide. Delayed dormant for scale, aphids and scab is applied when $\frac{1}{4}$ - $\frac{1}{2}$ inch of green shows. Use lime-sulphur and add nicotine sulphate if aphids are present.	(Pre-blossom). For scab, frog-eye curculio, bud-moth and other chewing insects. Apply when cluster buds separate or as advised by Spray Service. Spray with liquid lime-sulphur or dust sulphur and arsenate of lead if chewing insects are present. nicotine if aphids are present.	(Petal-fall). For apple scab, codling moth and curculio. Apply when most of the petals have fallen, before the calyx closes. Spray with liquid or dry lime-sulphur and arsenate of lead or dust sulphur and arsenate of lead.	(2-3 weeks spray). For scab, blotch Brook's spot and codling moth. Apply 2-3 weeks after petal-fall. Spray with lime-sulphur and arsenate of lead or dust sulphur and arsenate of lead. On various fall or as advised by the Spray Service is necessary for the second brood of codling moths. Use same materials as for spray No. 4.	For blotch, Brook's spot and codling moth. Apply 6 weeks after petal-fall or as advised by Spray Service. Use same materials as for No. 4. A spray 10 weeks after petal-fall or as advised by the Spray Service is necessary for the second brood of codling moths. Use same materials as for spray No. 4.
PEAR AND QUINCE.....	If scale and red mite are present apply oil in the dormant.	(Pre-blossom). For scab. Apply when cluster buds separate, using liquid or dry lime-sulphur.	(Petal-fall). For scab, sooty fungus, leaf-spot and codling moth. Use Bordeaux 1-3-50. Lime-sulphur often causes spray injury in hot weather.	(9-10 weeks spray). For scab, sooty fungus, codling moth and psylla. Use Bordeaux and arsenate of lead.	
PEACH.....	For leaf curl and scale. Apply in late fall or early spring. Temp. to be above 50°. Use Bordeaux or lime-sulphur, or, if red mite is present use 4-4-50 Bordeaux and oil.	(Shuck-split). For brown rot, scab and curculio. Apply when husks have fallen. Use dry-mix, Dinitomic or Mulsoid sulphur and arsenate of lead, or dust with sulphur.	For brown rot, scab and curculio. Apply 2-3 weeks after huskfall. Use same materials as for No. 2, but omit lead if curculio is not present.	For brown rot. Apply 2-3 weeks before fruit begins to ripen. Use same materials as for No. 2, but omit the lead.	
PLUM AND CHERRY.....	Use oil emulsion or scalecide if scale is present, otherwise dormant spray is unnecessary.	(Petal-fall). For leaf-spot and curculio. Apply when most of the petals have fallen. Use lime-sulphur.	(Shuck-split). For leaf-spot, brown rot and curculio. Apply when husks have fallen. Use lime-sulphur and arsenate of lead.	For brown rot. Apply 2-3 weeks before fruit begins to ripen. Use lime-sulphur, but no lead.	Cherries should receive one or two sprays of lime-sulphur after the fruit is picked to control leaf-spot.
GRAPES.....	For dead arm, mildew and rot. Apply when new shoots are 8-10 inches long. Use Bordeaux 4-6-50.	(Pre-blossom). For rot, mildew, rose chafer, berry moth. Apply just before blossoms open. Use Bordeaux 2-4-50 and arsenate of lead.	(Petal-fall). For rot, mildew, berry moth and leathoppers. Apply 3-5 days after petal-fall. Use Bordeaux, lead and nicotine sulphate.	(2 weeks spray). For rot, berry moth and leaf hopper. Apply two weeks after petals have fallen. Use same materials as for No. 3, control rot.	Apply same material as for No. 4 just before berries touch clusters. In wet seasons keep fruit covered with Bordeaux to control rot.
CURRENTS AND GOOSEBERRIES.....	If scale is present apply lime-sulphur or oil in the dormant.	For leaf-spot and anthracnose apply Bordeaux or lime-sulphur as the leaves begin to open.	For leaf-spot, mildew and currant worms apply Bordeaux or lime-sulphur and arsenate of lead after fruit is set.	When currant worms appear use same material as for No. 3, or Bordeaux or lime-sulphur for leaf-spot and anthracnose.	
RASPBERRY AND BLACKBERRY.....	Black raspberries should have a delayed dormant spray of lime-sulphur to control anthracnose.	No other sprays are recommended on bramble fruits.			

Directions for use of the Materials Recommended will be Found on Each Package.

BIRD HOUSES

Blue Bird, Robin, Wren, Martin, Flicker, Woodpecker.
We carry full line ranging in price from 25c to \$20.00.
Imperial Lawn Edge Trimmer.....\$1.50

LAWN AND GARDEN RAKES

Lawn Queen. Wire is reversible and can be used for grass or leaves, 24 teeth.....\$1.00.
Ole Olsen. Made of best hickory.....\$1.00.
Hudson Dandelion Rake. For clipping off daisy and dandelion heads85c.
Rakes, Steel Garden. 12 teeth, \$1.00; 14 teeth, \$1.25; 16 teeth, \$1.40.
Japanese Broom Rake.
44 teeth. Spreads 18 inches. Price.....75c.
42 teeth. Spread 16 inches. Price.....50c.
The Lawncombe.
18 inches\$1.00.
24 inches\$1.25.
Rainbow Lawn Sprinkler. No. 5½. Stands 7 inches high; 7-inch revolving head\$2.25.
"Evergreen" Sprinkler. Price\$10.00.
Lark Sprinkler. Price\$15.00.
Ring Lawn Sprinkler. Each.....75c.
Market Gardener's Sprinkler. Copper Head, each.....\$1.50.
The "Three-Way" Sprinkler. Price\$4.00.
Flaring Rose Sprinkler. Each.....60c.
Whirling Fairy Lawn Sprinkler\$1.50.
"Garden Fairy" Sprinkler\$18.00.
Buckeye Lawn Sweeper.....\$9.00.
Pennsylvania Lawn Cleaner. Price.....\$30.00.
Garden Hose. ½-in., 11c per ft.; ¾-in., 12c per ft.; 1-in., 13c per ft.

MCCULLOUGH'S PLANT TUBS

An excellent tub, neat and durable. Made from ¾-inch cypress, with iron handles and feet. 3 steel hoops and 2 coats of green paint.

12 inches diameter, 11 inches high.....\$2.00.
14 inches diameter, 13 inches high.....\$2.50.
16 inches diameter, 15 inches high.....\$3.00.
18 inches diameter, 17 inches high.....\$3.75.
20 inches diameter, 19 inches high.....\$5.00.
The above tubs furnished with feet 50c per tub, extra.

PINE PLANT TUBS

No. 5. Each\$1.40.
No. 7. Each\$1.60.
No. 9. Each\$2.20.

LAWN MOWERS**Coldwell's Imperial Roller Bearing High Wheel Mower**

Furnished with five blades in revolving cutter. Specially designed to meet the demands of park and cemetery superintendents. Roller bearings enclosed in dust proof housings. 16-inch, \$17.00; 18-inch, \$19.00; 20-inch, \$21.00.

Coldwell's Blue Bird Ball Bearing Mower

A high-grade, light weight machine, which is positively the best five blade, 10-inch wheel, ball bearing lawn mower ever built for the price asked. It is provided with flat, sliding pawl ratchet, with direct drive from both sides. Height of cut ranges from ½ to 1½ inches, at pleasure of operator. Made in three sizes: 14-inch, \$12.00; 16-inch, \$13.00; 18-inch, \$14.00.

Suburban High Wheel Ball Bearing Mower

Is made to meet the demand for a good ball bearing machine, which can be purchased at a price within the reach of all. The driving wheels are 10 inches in diameter and made of indestructible pressed steel. The revolving cutter has four blades, which insure fineness and evenness of cut. One screw only is required to adjust the bearings, by means of which all looseness in the revolving cutter bearings can be taken up. 14-inch, \$7.70; 16-inch, \$8.00.

Metropolitan Ball Bearing Mower

A light weight, high wheel mower (10 inches) designed to meet the demand for a machine of lighter construction at a moderate price. Four blades, ½ to 1½ inches height of cut. 14 inches, \$6.70; 16 inches, \$7.00; 18 inches, \$7.75.

Coldwell's Lawn Trimmer

It is equipped with fine cut gears, sliding-pawl ratchet, the best tool steel bottom knife and is made to meet the demands for a really first-class trimmer. Price.....\$10.00.

Nox-All Grass Catchers

Made to fit mower, 12 to 16 inches.....\$1.00.
Made to fit mower, 16 to 22 inches.....\$1.25.

**Dunham Water-Weight Lawn Rollers
(With Roller Bearings)**

Dunham Water-Weight Rollers are electric welded—no rivets used—the drum cannot possibly leak.

The Dunham Water-Weight Roller can be made as heavy or as light as desired by simply putting in the right amount of water.

W. B. Style. Is equipped with a "No-Tip" lock and scraper. The lock holds the handle upright when not in use.

W. B. No. 5. 1 section, 24 inches long and 18 inches in diameter. Weight, empty, 85 lbs.; weight, filled with water, 300 lbs.; weight, filled with sand, 450 lbs. Price. \$11.75.
W. B. No. 7. 1 section, 24 inches long and 24 inches in diameter. Weight, empty, 110 lbs.; weight, filled with water, 500 lbs.; weight, filled with sand, 750 lbs.
Price\$13.85.

**Dunham Water-Weight Lawn Rollers
(With Plain Bearings)**

No. 1. 1 section, 15 in. long and 14 in. in diameter, weight empty, 45 lbs.; weight, filled with water, 115 lbs.
Price\$7.50.
No. 2. 1 section, 24 in. long and 14 in. in diameter, weight empty, 68 lbs.; weight, filled with water, 177 lbs.
Price\$8.50.
No. 4. 1 section, 24 in. long and 18 in. in diameter, weight empty, 82 lbs.; weight, filled with water, 265 lbs.
Price\$10.00.

DUNHAM ROLLERS are painted green on body and ends with red handles and always bear the name DUNHAM.

"Planet Jr." Farm and Garden Tools

We carry a complete line, send for descriptive catalogue and prices.

GARDEN GLOVES—EEZY WEAR

Made from Special Imported Leather Hides

Dust-proof Durable Washable

Four sizes: Small and Medium for Women; Medium and Large for Men.

Price, 65c a Pair, Postpaid.

Simplex Garden Labels. 24 inches long, with white or dark green celluloid cards.

No. 10. 2¼ x 1½ inches, 25c each.

No. 11. 3 x 2 inches, 30c each.

Steel stylus for marking is supplied free with 10 or more complete labels having green cards. Stylus if wanted separately, 20c each.

SIMPLEX WEATHERPROOF PLANT LABELS

Celluloid, copper wired, writing protected by a transparent cover of mica, and will last indefinitely if done with lead pencil.

No. 1. 3 x 1½ in., 50c per doz.; \$3.00 per 100.

No. 2. 4 x ¾ in., 75c per doz.; \$5.00 per 100.

No. 3. 5 x 1 in., \$1.00 per doz.; \$7.00 per 100.

Baskets, Wire Hanging. 8-inch, 25c; 10-inch, 30c; 12-inch, 35c; 14-inch, 40c; 16-inch, 50c; 18-inch, 75c; 20-inch, 85c.

Cultivator, Norcross. Hand Garden.

5 Prong, 4 ft. Handle, each.....\$1.25.

3 Prong, 4 ft. Handle, each.....85c.

Cane Sticks, Natural. 4 to 6 ft., per 100, \$1.25; 5 to 7 ft., per 100, \$1.50; 7 to 9 ft., per 100, \$1.75; 9 to 12 ft., per 100, \$2.25.

Canes, Japanese, green dyed, 2 feet long, per dozen, 15c; per 100, 75c.

3 feet long, per dozen, 15c; per 100, 80c.

4 feet long, per dozen, 20c; per 100, \$1.00.

5 feet long, per dozen, 25c; per 100, \$1.25.

6 feet long, per dozen, 30c; per 100, \$1.50.

Dandelion Digger. Made from steel.....25c.

Dandelion Knife, with long handle.....\$1.00.

Dibble, Iron, with wood handle; for transplanting plants.

Price75c.

Edging Knife. For cutting edges of walks and flower beds.

Price\$1.00.

Forks, Digging or Spading.....\$1.50 to \$2.00.

Forks, Hand-Weeding. Small size, 25c; large size, 50c.

Fruit Picker. Price, without pole.....75c.

Garden Line. Per ball of about 150 feet.....85c.

Garden Line Reel, Iron.....\$1.50.

Glass Cloth. A substitute for glass; per yard, 40c; 10 yards, \$3.50; 100 yards, \$32.00.

Glass Cutter, Gold Tip. Each.....20c.

Glazing Points, Peerless.

No. 1. For small single-thick glass. Per 1,000.....75c.

No. 2. For large single-thick glass. Per 1,000.....75c.

No. 2½. For double-thick glass. Per 1,000.....75c.

Glazing Points, Zinc City. Per lb.....60c.

Doo Klip Shears.....\$1.50.

Long Handle.....\$2.50.

Pruners.....\$1.25.

Wiss Grass Shears. Price.....\$1.50.

Hedge Shears. Wiss, 6½-in., \$1.50; 8-in., \$2.50; 9-in., \$2.75.

Hoes, Standard Socket Garden.....\$1.00.

Hoes, Onion. One end square; opposite end one prong. 50c.

Hoes, Onion. One end square; opposite end two prongs. 60c.

Hoes, Grubbing. With handle.....\$1.00.

Hoes, Sandusky.....\$1.00.

Hoes, English Scuffle or Push. Without handle.....\$1.00.

PET SUPPLIES

DOG AND PUPPY FOODS

Require no preparation, no trouble, no cooking, and are adapted for all breeds of dogs.

Spratt's Patent Dog Cakes. Per lb., 15c; 10 lbs., \$1.35; 25 lbs., \$3.25; 100 lbs., \$12.50.

Spratt's Patent Puppy Cakes. 1 lb., 15c; 10 lbs., \$1.35; 25 lbs., \$3.25; 100 lbs., \$12.50.

Spratt's Ovals. For all breeds. Per lb., 15c; 10 lbs., \$1.35; 25 lbs., \$3.25; 100 lbs., \$12.50.

Spratt's Fibo. An appetizing food for shy and dainty feeders. Per lb., 15c; 10 lbs., \$1.45; per bag of 100 lbs., \$14.00.

Thoro Bread Dog Cakes. 2 lbs., 25c; 10 lbs., \$1.20; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$9.00.

Thoro Bread Kibbles. Per lb., 15c; 7 lbs., \$1.00; 25 lbs., \$3.50; 50 lbs., \$5.50; 100 lbs., \$9.50.

Thoro Bread Meaty Food 15c per can.

Vitakalk. A scientific combination of easily digested minerals in starchy form with Vitamins B and D. Contains calcium and phosphorus.

4 oz. pkg., 25c; 2 lb. pkg., \$1.25.

Kal-Fos, A Bone Builder and General Tonic for Animals. 1 lb., 75c.

Spratt's Flea Powder. Per can, 30c. (By mail, 35c.)

Kur-Maige. A reliable dressing for Dogs, Cats and Foxes. Kills Lice and Fleas. No odor and non-poisonous when used as directed. 3 oz., 75c each. Kennel size, 16 oz., \$2.00 each.

Pulvex. A thoroughly effective Flea and Lice Powder has been perfected which actually kills all the Fleas and keeps them off for some time. 2 oz. pkg., 50c.

Clo-trate (Cod Liver Oil Concentrate.) Cod Liver Oil in Tablet form. Trial pkg. (45 tablets), 50c; large size (200 tablets), \$2.00.

Pulvex Dog Soap. Contains the Pulvex Flea Powder. 50c per bar.

Bennett's Milk Bone. Junior size for puppies and small dogs, 22 oz. pkg., 35c. Large bone for grown dogs, 29 oz. pkg., 35c.

BIRD FOOD

Burnett's Bird Food. Will give immediate relief from the effects of moulting; eradicates all impurities from the blood, and restores to the songster, a strong and clear voice. Per bottle, 25c. (By mail, 30c.)

LIGHTNING REGULATOR

A Condition Food

An excellent natural food for keeping birds bright and active. It contains seed that birds in their natural haunts relish. Lightning Regulator is an ideal condition food for birds that are ailing. It is especially recommended during the moulting and breeding seasons. Feed an egg-food-cupful daily.

If you are feeding our Unexcelled Bird Food daily it may be advisable to feed Lightning only two or three times a week.

Lightning is packed in a wax-sealed bottle to preserve the quality.

Per Bottle, 25c.

IDEAL SONG RESTORER

The Balanced Food

Canaries will sing if they are in good health. In treating loss of song, the Canary's general condition should be the first thing to rectify. Burnett's Ideal Song Restorer acts on the bowels and digestive organs, the two most easily affected systems in animal life. Feed a teaspoonful of Ideal Song Restorer daily until bird is singing again. It is advisable to grate up the yolk of a fresh hard boiled egg and mix it with the food. Bottle, 25c.

BIRD SALVE

This is an excellent remedy for sore feet on all cage birds. Pkg., 15c.

BIRD BALM

An easily applied treatment for bald spots and sores on all cage birds. Apply treatment to bald spots and sores daily until a remedy is effected. Pkg., 15c.

Bird Pep. Keeps Canary birds in prime condition and prevents loss of song. Easily attached to cage. Pkg., 15c; 2 for 25c.

Bird Teeth. A health grit and charcoal mixture. This food does the work of teeth more thoroughly than Gravel, and in addition has an important food value. It also acts as a tonic and will prevent constipation. Scatter over Gravel in the cage. Pkg., 15c.

Hartz Mountain Canary Cubes. A conditioner and tonic consisting of the best ingredients. Easily attached to cage. Pkg., 15c; 2 for 25c.

Burnett's Louse Powder. An effective remedy to be dusted on all kinds of birds. Per can, 25c.

Burnett's Tonic for Birds. Small, 15c; Large, 35c.

Burnett's Bird Wash. 25c.

Canary Seed. Re-cleaned and of splendid quality. Per lb., 15c. (By mail, 20c.)

Canary Seed Mixed. A mixture of the finest quality and in proper proportions. Per lb., 15c.

Chenoweth's Canary Food. The Birds' Balanced Ration. Keeps them in good health, song and plumage. Can, 25c.

Cuttle Fish Bone. Good for digestion and general health. Each, 5c; 20c per 1/4 lb., 60c per lb.

BIRD SUNDRIES

Burnett's Powder Guns. Filled with Lice Powder. 25c each. Bird Nesting. Per pkg., 10c.

Bird Baths. Made of opal glass. Each, 15c.

Canary Bird Nests. A wire basket well made. Each, 15c.

Drinking Cups. Made of opal glass. Each, 15c; 2 for 25c.

Egg Food and Tonic Cups. Each, 10c.

McCullough's Silver Washed Bird Gravel. 36 oz. pkg., 15c.

Seed Cups. Made of opal glass. Each, 15c; 2 for 25c.

Hemp Seed. Birds are very fond of this seed; it is rich and should be fed with discretion. Per lb., 15c; 2 lbs. for 25c.

Lettuce Seed. A slight sprinkle of this is much relished by canaries. Per lb., 20c.

Maw Seed. Calculated to improve the song of canaries, etc. 1/4 lb., 10c; 1 lb., 25c.

Millet Seed. Nutritious and appetizing. Per lb., 10c; 5 lbs., 40c.

Sunflower Seed. We are large handlers of this important food for parrots. We turn out only a very choice article. Per lb., 15c; 2 lbs. for 25c.

Rape Seed. Will keep birds in excellent condition; feed with canary seed. Per lb., 15c.

Thistle Seed. Fed with other foods, keeps birds in condition. Per lb., 30c.

Parrot Tonic. Package, 15c.

Pollynut Mixture. Package, 25c.

GOLD FISH AND FOODS

Japanese Gold Fish. 5c to 25c each.

Snails, for Aquariums. 10c each; 3 for 25c.

Aquarium Moss. 15c per bunch.

McCullough's Natural Fish Food. Especially put up for fish in aquariums and globes, and should be fed regularly.

We can supply it in wafer or in natural form. Per box, 10c.

Ant Eggs. Per pkg., 15c.

Goldfish Bowls. An extensive assortment of styles and sizes. 50c to \$10.00 each.

Goldfish Bowl and Aquarium Ornaments. Attractive designs. 15c to \$1.25 each.

Sea Shells. Per lb., 20c.

Pearl Chips. Per lb., 10c; 2 lbs., 15c.

Colored Chips. Beautifully colored, many shades. Per lb., 10c.

Dip Nets. For handling gold fish when changing water in globes or aquariums. Each, 25c.

Prices fluctuate considerably throughout the year. The prices now quoted are those ruling as we go to press, and may be higher or lower as the season advances.

Postage must be added if wanted by mail.

"Old Trusty" Dog, Bird and Fish Foods—Supplies

"OLD TRUSTY" ALL TERRIER FOOD

Per bag of 5 lbs., 75c each; per case of 10, 5 lb. bags, \$6.00.

Per pkg. of 2 lbs., 35c each; per case of 24, 2 lb. pkgs., \$7.00.

"OLD TRUSTY" DOG CAKES

Per pkg. of 2 lbs. 12 oz., 35c each; per case of 24, 2 lb. pkgs., \$7.00.

"OLD TRUSTY" PUPPY CAKES

Per pkg. of 1 lb. 14 oz., 35c each; per case of 24, 1 lb. 14 oz. pkgs., \$7.00.

"OLD TRUSTY" SQUARES

A biscuit (one inch square) better than whole wheat because they contain more mineral salts and vitamins so good for the dog's health. Should be fed to all breeds once or twice a week.

Per pkg. of 2 lbs., 35c each; per case of 24, 2 lb. pkgs., \$7.00.

"OLD TRUSTY" TIT-BITS

Per bag of 5 lbs., 75c each; per case of 10, 5 lb. bags, \$7.00.

Per pkg. of 2 lbs., 35c each; per case of 24, 2 lb. pkgs., \$7.00.

"OLD TRUSTY" NEW BONE BISCUIT

Very rich in important elements known as Vitamin. Superior to whole wheat because they contain more mineral salts.

Bone Biscuits may be fed dry or moistened with milk or soup, made from Old Trusty Climax.

An ideal biscuit for puppies and shy feeders.

Per pkg. of 28 oz., 40c each; per case of 24, 28 oz. pkgs., \$7.00.

"OLD TRUSTY" VI-TI

A vitamin tablet (not a medicine), and contains no animal matter. Vi-Ti produces bone and muscle and keeps the body in pink of condition, thereby warding off disease.

Large bottle\$1.00.

"OLD TRUSTY" CLIMAX

A beef product enjoying a good reputation among many of the leading kennels and dog lovers throughout the country. Mix with any of Old Trusty foods. Add 3 parts of water and boil to make soup.

Per can, 15c; per case of 36 1 lb. cans, \$4.50.

"OLD TRUSTY" SE-FOOD

Tuna and mackerel, from which Old Trusty Se-Food is made, are very high in fat and the iodine content is higher than that of the flesh of land animals. Cod, haddock and many other fish are known as lean fish and, therefore, do not contain sufficient of what we call essential fats. Packed absolutely fresh, a wonderful addition to Old Trusty's famous line of foods for His Majesty, The Dog.

Per can, 15c; per case of 48 1 lb. cans, \$5.50.

"OLD TRUSTY" DOG SUPPLIES

Harness. All sizes, 75c up.

Collars. All sizes, 50c and up.

Leads. Russet and colors, \$1.00 and up.

Chains. 65c and up.

Combs. Stripping and regular, 50c and up.

Brushes. All kinds, 50c and up.

"OLD TRUSTY" Y-SCRATCH DOG SOAP

This soap contains Green Olive Oil and is very valuable as a Flea Soap.....25c per bar.

"OLD TRUSTY" ALL TERRIER FOOD

A granulated food of even balance, carefully mixed, not medicated or sweetened.

An ideal food for all breeds, particularly Terriers and active dogs. May be fed dry or moistened with milk or soup. A can of Old Trusty Climax (a beef product) added makes a perfect food.

Per lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.38; 100 lbs., \$8.75.

"OLD TRUSTY" DOG CAKES

(Whole or Broken)

A nice, well balanced biscuit for all breeds. Fed dry they are not only a wonderful food but a great help to keeping the teeth in good condition. Dog Cakes may also be moistened and mixed with Old Trusty Climax, vegetables, etc.

Per lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.38; 100 lbs., \$8.50.

"OLD TRUSTY" PUPPY CAKES

A tender biscuit, just the thing to be given dry to puppies of all ages. Puppies are contented when they gnaw at these biscuits. A contented puppy is a growing, healthy puppy.

Per lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.38; 100 lbs., \$8.75.

"OLD TRUSTY" PUPPY MEAL

A fine granulated food, not a pasty meal. Highly nutritious, with all the elements essential to the growth of healthy puppies.

Per lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.38; 100 lbs., \$8.75.

"OLD TRUSTY" TIT-BITS

A granulated food of the very highest order. An ideal food for bitches in whelp. Toy dogs thrive on this well balanced food.

Tit-Bits makes a wonderful change in diet for all breeds, also dogs off their feed. Fed dry, mixed with Old Trusty Climax, etc.

Always remember your dog looks for a change in his food.

Per lb., 15c; 25 lbs., \$2.50; 50 lbs., \$4.88; 100 lbs., \$9.75.

"OLD TRUSTY" TOP NOTCH

A coarse granulated food for large breeds such as Great Danes, Russian Wolfhounds, St. Bernards, etc. A favorite among Hound Kennels.

Mixed with Old Trusty Climax, vegetables, etc., what can be more appetizing.

Per lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.38; 100 lbs., \$8.75.

"OLD TRUSTY" FIELD DOG

A large biscuit suitable for Field Dogs and all large breeds. Fed dry.

Per lb., 15c; 25 lbs., \$2.20; 50 lbs., \$4.25; 100 lbs., \$8.50.

DOG REMEDIES

We also carry a complete line of Remedies for all dog diseases.

Old Trusty Vermifuge, Jr., 60c per bottle.

Old Trusty Vermifuge, Sr., 60c per bottle.

Old Trusty Diarrhea Tablets, 60c per bottle.

Old Trusty Cough Mixture, 60c per bottle.

Old Trusty Fit Tablets, 60c per bottle.

Old Trusty Mange Lotion, 60c per bottle.

Old Trusty Ear Canker Drops, 60c per bottle.

Old Trusty Flea Powder, 30c per can.

Old Trusty Digestive Tablets, 60c per bottle.

Old Trusty Salve, 60c and 90c per jar.

Old Trusty Shampoo, 60c per bottle.

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